ANNALS
of
OTOLOGY, RHINOLOGY
and
LARYNGOLOGY

Index
of
Titles and Authors
Vols. 43 to 52
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surgery and facial nerve paralysis. (with T. G. Tickle) 45:3 (Mar.) 1936.
introduction to résumé of literature on otosclerosis by Central Bureau of Research of American Otological Society. 45:170 (Mar.) 1936.

DWORETZKY, J. P.
laryngeal tuberculosis. 47:481 (June) 1938.
laryngeal tuberculosis. (with O. C. Risch) 50:745 (Sept.) 1941.

DWORKIN, SIMON
discussion from point of view of animal experimentation, symposium on hearing before American Otological Society. 44:803 (Sept.) 1935.
tactile and tremor perception, symposium on bone conduction before American Otological Society. (with G. A. Hutchison and J. Katzman) 45:840 (Sept.) 1936.

DWYER, J. G.
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DWYER, M. F.
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DYRENFORTH, L. Y.
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DYSART, B. R.
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EAGLETON, W. P.
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EGGSTON, A. A.
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EMERY, C. K.
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ENGLER, C. W.
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ERICKSON, T. C.
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ERSNER, M. S.
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hearing aid as problem of otologist or layman. 47:212 (Mar.) 1938.
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ERSNER, WILLIAM
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ESCHENBRENNER, JOHN
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EVANS, J. D.
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EVANS, M. G.
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EVANS, W. H.
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EVES, C. C.
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EYSTER, J. A. E.
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FAIRCLOUGH, W. A.
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FARQUHARSON, R. F.
differential diagnosis of enlargement of lymph glands of neck. 44:662 (Sept.) 1935.

FARRIOR, J. B.
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FAULKNER, E. R.
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FELDMAN, MAURICE
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nasal neurology. 50:492 (June) 1941.
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FERGUSON, C. F.
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FIGI, F. A.
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FISHER, G. E.
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FISHER, J. A.
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FISHMAN, L. Z.
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FOLEY, M. K.
penicillin and tyrothricin in otolaryngology. (with S. J. Crowe, A. M. Fisher and A. T. Ward, Jr.) 52:541 (Sept.) 1943.

FORBES, S. B.
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FORBES, T. W.
end-organ deafness in dogs, symposium on bone conduction before American Otological Society. (with E. P. Fowler, Jr.) 45:859 (Sept.) 1936.

FORD, W. A.
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FORMAN, JONATHAN
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FOSTER, J. H.
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FOWLER, E. P.
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discussion from point of view of clinical observations, symposium on hearing before American Otological Society. 44:824 (Sept.) 1935.
introduction to résumé of literature on otosclerosis by Central Bureau of Research of American Otological Society. 45:170 (Mar.) 1936.
normal hearing by bone conduction, symposium on bone conduction before American Otological Society. (with E. P. Fowler, Jr.) 45:754 (Sept.) 1936.
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FOWLER, E. P., JR.,
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anatomy of petrous pyramid, symposium on petrosal pyramid suppuration before American Otological Society, 44:1056 (Dec.) 1935.
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FREEDMAN, L. M.
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FRIEDBERG, S. A.
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FRIEDMAN, E. A.
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FRIESNER, ISIDORE
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FRY, K. E.
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FURMAN, M. A.
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FURSTENBERG, A. C.
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GANZ, R. N.
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GATEWOOD, E. T.
respiratory failure and subacute obstructive asphyxia. (with M. K. Cary) 48:1073 (Dec.) 1939.

GELLIS, S. S.
Salzer treatment for lye ingestion. (with L. E. Holt, Jr.) 51:1086 (Dec.) 1942.

GERAGHTY, W. R.
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GILL, W. D.
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GILMOUR, W.
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GITTINS, T. R.
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GOLDMAN, J. L.
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GOLDSMITH, P. G.
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GOLDSTEIN, M. A.
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GOODALE, R. L.
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GRAHAM, D. G.
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GRAY, H. J.
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GROSSMAN, F. M.
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GWYNNE, F. J.
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HAGAMAN, VAN DYKE
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HANSEL, F. K.
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HARGER, R. N.
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HARRIS, ROBIN
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HERRELL, W. E.
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HOLINGER, P. H.
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HOLMGREN, GUNNAR
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HOOVER, W. B.
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HORTON, G. P.
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HORTON, RALPH
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HOURN, G. E.
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HOUSER, K. M.
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HOWARD, A. C.
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HOWE, A. C.
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HUDSON, W. A.
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HUGHSON, WALTER
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HULKA, J. H.
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HUNT, W. M.
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Leonardo da Vinci's contribution to laryngology, rhinology and phonetics. 50:979 (Dec.) 1941.

IRELAND, P. E.
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JACKSON, CHEVALIER
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JACKSON, C. L.
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JACKSON, D. E.
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JACKSON, H. W.
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JENKINS, W. H.
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JESBERG, SIMON
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JOHNSON, JULIAN
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JOHNSON, LEIGHTON
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JOHNSON, L. G.
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JOHNSTON, W. H.
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JONES, A. C.
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JONES, L. T.
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KATZMAN, J.
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KEARNEY, H. L.
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KELEMEN, GEORGE
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KETTEL, KARSTEN
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KOBRAK, HEINRICH
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KOEPF, S. W.
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KONZELMANN, F. W.
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KORNBLUM, KARL
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KOS, C. M.
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KRAMER, RUDOLPH
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KREUTZ, G. C.
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KUBIE, L. S.
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LEWIS, F. O.
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LEWY, R. B.
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LINCOLN, N. S.
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LILLIE, H. I.
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LINTON, L. D.
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MacCREADY, P. B.
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MacKENZIE, J. G.
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MACMILLAN, A. S.
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MALIS, SOL.
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MALONE, M. E.
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MALONE, J. Y.
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MARCOTTE, R. H.
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McDOUGALL, W. L.
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McNALLY, W. J.
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McNICHOLS, W. A.
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McREYNOLDS, G. S., JR.
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MELLINGER, W. J.
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MELTZER, P. E.
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MERICA, F. W.
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MERIDETH, H. W.
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MICHELS, M. W.
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MITHOEFER, WILLIAM
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MOLT, W. F.
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MONTGOMERY, R. R.
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MONTGOMERY, HAMILTON
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MORGAN, A. F.
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MORRIS, FRANCIS
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MOTLEY, F. E.
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MOUSEL, L. H.
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MOWRER, O. H.
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MUELLER, WERNER
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MULHALL, J. C.
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MULLIGAN, E. J.
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MULLIN, W. V.
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MUNSON, F. T.
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MYERS, DAVID
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MYGIND, S. H.
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MYSEL, PHILIP
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NASH, C. S.
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NEAL, J. D.
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NEEDLES, WILLIAM
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NEFFSON, A. H.
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NEGUS, V. E.
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NEIL, J. H.
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NEUFFER, FRANK
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NEW, G. B.
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NEWHART, HORACE
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NIEDELMAN, M. L.
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NOBLE, L.
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NORRIS, H. L.
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NOVAK, F. J.
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NOVAK, F. J., JR.
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NOVAK, MILAN
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OCHSNER, ALTON
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O'CONNOR, G. B.
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ODOM, R. E.
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OLSON, G. W.
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PALMER, D. M.
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PALMER, R. S.
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PARKINSON, S. N.
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PARRIS, H. M.
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PARRISH, R. E.
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PASTORE, P. N.
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PEARSON, A. A.
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PEMBLETON, W. E.
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PENTA, A. Q.
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PHELPS, K. A.
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PHILLIPS, KENNETH
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PICKRELL, K. L.
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PIERCE, G. W.
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PITKIN, C. E.
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PITTMAN, C. D.
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POE, D. L.
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sarcoid of upper respiratory tract. 51:430 (June) 1942.

POHLMAN, A. G.
middle ear prosthesis. 45:351 (June) 1936.
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POLLARD, C. B.
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POLLOCK, H. L.
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POLVOGT, L. M.
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POND, C. W.
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POPP, W. C.
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PORTER, C. T.
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POTTER, A. B.
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POWELL, L. S.
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PROETZ, A. W.
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RALPH, R. D.
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REEVES, D. L.
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RIGBY, RALPH
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RINDSKOPF, WALLACE
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ROSENVOLD, L. K.
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ROSS, E. L.
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RUBENSTEIN, C. L.
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RUBIN, H. W.
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RUEDEMANN, A. D.
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RUSK, H. A.
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SAFER, L. A.
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SCHALL, R. F.
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SCHEER, CELIA
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SCHENCK, H. P.
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SCHLOSS, JACOB
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SCHLUEDERBERG, HARRY
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SCHUGT, H. P.
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SCHUSTER, S. A.
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SCHWARTZ, B. A.
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SCOTT-MONCRIEFF, R.
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SEARCY, H. B.
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SEAVER, E. P.
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SEED, LINDON
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SEGAL, H. I.
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SEGALL, W. H.
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SELFRIDGE, GRANT
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SELLERS, L. M.
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SELTZER, A. P.
use of urea in suppurative conditions about ear. 49:219 (Mar.) 1940.
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SENTURIA, B. H.
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SEWALL, E. C.
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SEYDELL, E. M.
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SHAMBAUGH, G. E., JR.
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SHAMBAUGH, G. E., JR. (*Continued*)
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surgery and otosclerosis. 51:817 1942.

SHAPIRO, S. L.
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SHEA, J. J.
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SHOVER, JAYNE
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SHUMAKER, P. W.
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SHURLY, B. R.
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SHWARTZMAN, GREGORY
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SILVERMAN, S. R.
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SIMON, EMANUEL
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SIMONTON, K. M.
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SIMPSON, W. L.
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SKILLERN, S. R.
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SLAUGHTER, E. C.
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SMILEY, W. A.
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SMIT, H. M.
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SMITH, G. Y.
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SMITH, J. E.
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SMITH, J. M.
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SMITH, W. E.
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SNYDER, JEROME
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SOBOL, I. M.
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SOLIS-COHEN, MYER
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SOM, M. L.
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SPROWL, F. G.
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STAUFFER, H. B.
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STEINBERG, ARTHUR
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STEINBERG, BERNHARD
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STEINBERG, J. C.
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STEVENS, S. S.
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STEVENSON, WALTER
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thiamin chloride and cardiospasm and achalasia of esophagus. 50: 898 (Sept.) 1941.
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STRAUS, G. D.
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STRAUSS, ISRAEL
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SUEHS, O. W.
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SULKIN, S. E.
etiology of myringitis bullosa hemorrhagica. (with B. H. Senturia) 51:476 (June) 1942.
SUTHERLAND, J. M.
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SWEANY, H. C.
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SWINDLE, P. F.
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SYMPOSIUM
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on petrosal pyramid suppuration before American Otological Society. 44:1002 (Dec.) 1935.
on allergic rhinitis, American Laryngological, Rhinological and Otological Society. 45:101 (Mar.) 1936.
on bone conduction. American Otological Society. 45:735 (Sept.) 1936.

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TAMARI, M.
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TAMERIN, J. A.
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TAYLOR, H. K.
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TAYLOR, H. M.
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president's address, American Bronchoscopic Society. 45:1089 (Dec.) 1936.
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THACKER, E. A.
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THOMAS, G. J.
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THOMAS, H. V.
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THOMPSON, EVA
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experimental study of bone conduction, symposium on bone conduction, before American Otological Society. (with Walter Hughson and E. G. Witting) 45:844 (Sept.) 1936.
otological research and clinical otology. (with Walter Hughson) 50:77 (Mar.) 1941.

TICKLE, T. G.
surgery and facial nerve paralysis. (with A. B. Duel) 45:3 (Mar.) 1936.

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Basilar membrane in man, width of. E. G. Wever, 47:37 (Mar.) 1938.

Beck, Joseph C., head and neck tumor group, organization of the. J. C. Beck, 50:1091 (Dec.) 1941.

Beethoven
deafness of. Charles K. Carpenter, 45:1069 (Dec.) 1936.
his deafness. Ira Frank, 44:327 (Mar.) 1935.

Bell, Warren, story of. F. L. LeJeune, 50:905 (Sept.) 1941.

Benzopyrine, ear drops in acute otitis media, an evaluation of various medicaments and an analysis of the untoward effects of antipyrine and. Matthew S. Ersner and Maurice Saltzman, 51:471 (June) 1942.

Biochemistry relative to otolaryngology. R. N. Harger, 44:411 (June) 1935.

Biopsy forceps, presentation of. Sam E. Roberts, 49:1044 (Dec.) 1940.

Biplane fluoroscope as an aid in bronchoscopy. Chevalier L. Jackson and W. Edward Chamberlain, 45:1143 (Dec.) 1936.

Black tongue: report of two cases. L. R. Marshall, 49:961 (Dec.) 1940.

Blastomycosis of the larynx. Louis H. Clerf and Carl J. Bucher, 45:923 (Dec.) 1936.

Blindness, bilateral, cured by an unorthodox procedure in thrombosis of the cavernous sinus. S. J. Kopetzky, 50:284 (Mar.) 1941.

Blood cell response to sulfanilamide therapy. J. A. Bigler, 47:219 (Mar.) 1938.
coagulation and wound healing in surgery of the oral cavity and throat: clinical and experimental study of the action of saliva. M. S. Ersner, D. Myers and W. Ersner, 43:114 (Mar.) 1934.
seasonal variations in: study based on 1676 cases. Lloyd K. Rosenvold and Joseph B. Miller, 46:1068 (Dec.) 1937.
transfusion in diseases of ear, nose and throat. John J. Shea, 46:87 (Mar.) 1937.
vascular networks in the erectile and secretory lining of the nasal passages. P. F. Swindle, 44:913 (Dec.) 1935.
vessels of the nose which serve as arteries in some mammals and veins in some others. P. F. Swindle, 46:600 (Sept.) 1937.

Board, American, of Otolaryngology. W. P. Wherry, 50:1106 (Dec.) 1941.

Body fluid as the criterion for solutions for nasal treatment. Sidney N. Parkinson, 51:153 (Mar.) 1942.

Bondy type of modified radical mastoid operation. H. I. Lillie, 44:337 (June) 1935.

Bone
frontal, acute fulminating osteomyelitis of: review and prediction. Gustave B. Fred, 51:638 (Sept.) 1942.
temporal, histopathologic changes of, in Paget's disease. M. Tamari, 51:170 (Mar.) 1942.
infections with secondary manifestations. Marvin F. Jones, 43:779 (Sept.) 1934.
methods for preparing and studying specimens. J. J. Potter and D. M. Lierle, 43:166 (Mar.) 1934.

Bones, frontal and temporal, gunshot wounds of. Robert Henner, 51:424 (June) 1942.

Bone Conduction
and other tests of hearing, interpretation of. George E. Shambaugh, Jr., 45:779 (Sept.) 1936.
experimental study of. Walter Hughson, Eva Thompson and E. G. Witting, 45:844 (Sept.) 1936.
conditioned-reflex method in the study of hearing by: differentiation of tactile from auditory responses. E. A. Culler, 45:837 (Sept.) 1936.
hearing by: principles of transmission of sound. Stacy R. Guild, 45:736 (Sept.) 1936.

Bone Conduction
report of the Committee on Methods of Testing. 45:800 (Sept.) 1936.
nature of, as shown in the electrical response of the cochlea. E. G. Wever and Charles W. Bray, 45:822 (Sept.) 1936.
normal hearing by, as measured with an audiometer. Edmund P. Fowler and Edmund P. Fowler, Jr., 45:754 (Sept.) 1936.
vibration, and electrical stimulation. Hallowell Davis, 45:775 (Sept.) 1936.

Bouginage, treatment of carcinoma of the esophagus by. E. B. Benedict, 50:1249 (Dec.) 1941

Brain abscess, and actinomycotic meningitis with actinomycosis of the sphenoid. Rudolph Kramer and Max L. Som, 44:973 (Dec.) 1935.
care of mastoid wounds following operations on. Harold G. Tobey, 48: 590 (Sept.) 1939.
and meninges, microscopic study of; extensive bilateral subdural abscess: report of a case. William R. Geraghty, 45:452 (June) 1936.
congenital anterior herniations of. G. F. Mood, 47:391 (June) 1938.
hernia: postoperative complication in otology. Colby Hall, 48:291 (June) 1939.
pseudo-abscess of: intracranial disease during otitis media simulating encephalic abscess. J. M. Nielsen and C. B. Courville, 43:972 (Dec.) 1934.
tumors and hearing. W. J. McNally, T. C. Erickson, R. Scott-Moncrieff, and D. L. Reeves, 45:797 (Sept.) 1936.
vertigo in, with special reference to the results of labyrinth examination. E. A. Spiegel and A. Alexander, 45:979 (Dec.) 1936.

Branchial arches and clefts, clinical conditions arising from anomalies or maldevelopments of the. W. B. Hoover, 50:834 (Sept.) 1941.
cyst: two instructive cases. Gordon Berry, 43:287 (Mar.) 1934.

Bronchi
acute chest from the bronchoscopic standpoint. T. R. Gittins, 48:1087 (Dec.) 1939.
and trachea, mycotic infections found in. Edward A. Looper, 45:1153 (Dec.) 1936.
and trachea, treatment of tuberculosis of. J. D. Kernan, 47:306 (June) 1938.
and trachea, tuberculosis of. J. D. Kernan, 46:763 (Sept.) 1937.
cardiospasm: pneumatic-mercury dilator. Gabriel Tucker, 48:808 (Sept.) 1939.
consideration of the reflex etiology of cardiospasm. Ben L. Bryant, 48:802 (Sept.) 1939.
late results of foreign bodies long retained in the lower airways. Ethan F. Butler, N. Stanley Lincoln, John K. Deegan, Ralph Horton, 48:817 (Sept.) 1939.
so-called carcinoid tumors of; treatment of a series of cases by diathermy. John D. Kernan, 44:1167 (Dec.) 1935.
tuberculous ulcerogranuloma of the trachea and. Mervin C. Myerson, 49:177 (Mar.) 1940.
vegetal foreign bodies in. L. G. Richards, 50:860 (Sept.) 1941.

Bronchial collapse without clinical signs of external pressure: bronchoscopic observations. H. E. Bozer, 49:1091 (Dec.) 1940.
lavage in nontuberculous infections. Howard L. Stitt, 52:477 (June) 1943.
obstruction in chronic tuberculosis. Kenneth A. Phelps, 45:1133, (Dec.) 1936.
tree, anatomy of, and its clinical application. J. Hardie Neil, W. Gilmour, F. J. Gwynne, Wallace Main and W. A. Fairclough, 46:338 (June) 1937.

Bronchiectasis
analysis of 75 cases from the viewpoint of sinus infection. R. L. Goodale, 47: 347 (June) 1938.
and asthma in relation to paranasal sinus disease. John G. McLaurin, 44:344 (June) 1935.
observations on paranasal sinusitis among patients subjected to lobectomy for. Kinsey M. Simonton, 52:598 (Sept.) 1943.
role of inflammatory bronchial stenosis in the etiology of. P. H. Holinger, 47:1070 (Dec.) 1938.

Bronchiogenic carcinoma: case report. H. B. Orton, 47:795 (Sept.) 1938.
primary: incidence, pathogenesis and diagnosis. Henry C. Sweany, 43: 561 (June) 1934.

Bronchitis
acute laryngotracheo mediastinal enlargement in. G. W. Grier, 50:941 (Sept.) 1941.
nonsurgical aspects of treatment. H. L. Baum, 52:608 (Sept.) 1943.
report of three recovered cases. M. G. Evans, 48:216 (Mar.) 1939.
laryngotracheo. G. R. Brighton, 49:1070 (Dec.) 1940.
in children: further study of pathology. Lyman Richards, 47:326 (June) 1938.
vegetal, consideration of some causative factors. F. T. Hill, 47:814 (Sept.) 1938.

Broncho-esophagology: postulated semasiologic observations. Chevalier Jackson, 47:1049 (Dec.) 1938.

Bronchogenic carcinoma without bronchial obstruction. P. H. Holinger and Ralph Rigby, 50:1270 (Dec.) 1941.

Bronchography, technique of. Chevalier L. Jackson and Maurice Bonnier, 46:771 (Sept.) 1937.

Broncho-pulmonary tract, mycotic infection of. A. J. Vadala, 49:291 (June) 1940.

Bronchoscope
extension.. Gabriel Tucker, 43:1208 (Dec.) 1934.
telescopic. Louis E. Wolfson and Jacob Schloss, 44:889 (Sept.) 1935.

Bronchoscopic and esophagoscopic telemagnifier. Sidney Israel, 44:285 (Mar.) 1935.
aspects of hemoptysis. Mervin C. Myerson, 45:1101 (Dec.) 1936.
clinic, cooperative. Gordon D. Hoople, 51:671 (Sept.) 1942.
observations in asthmatic children. Emily Lois VanLoon, 45:881 (Sept.) 1936.
operating room, suction, battery and oxygen unit for. P. H. Holinger and A. H. Andrews, Jr., 47:824 (Sept.) 1938.

Bronchoscopist, pulmonary hemorrhage studied and treated by. M. F. Arbuckle, 45:1114 (Dec.) 1936.

Bronchscopy
as a treatment of postoperative atelectasis: report of ninety cases. Joseph A. Perrone, 49:528 (June) 1940.
biplane fluoroscope as an aid in. Chevalier L. Jackson and W. Edward Chamberlain, 45:1143 (Dec.) 1936.
cocain sensitivity in. David H. Jones, 46:749 (Sept.) 1937.
costophrenic, for pins deep in the tracheobronchial tree. Ellen J. Patterson, 45:870 (Sept.) 1936.

Bronchoscopy
in lung abscess. Sobisca S. Hall and Harry V. Thomas, 46:790 (Sept.) 1937.
in the newborn Fletcher D. Woodward and William W. Waddell, Jr., 51:1094 (Dec.) 1942.
in a pulmonary dermal inclusion cyst. Joseph C. Beck, 44:1159 (Dec.) 1935.
in tuberculosis. M. C. Myerson, 43:1139 (Dec.) 1934.
in tuberculous children. M. C. Myerson, 49:1064 (Dec.) 1940.
limitations of, in treatment of tracheobronchial tuberculosis. M. C. Myerson, 47:722 (Sept.) 1938.
non-fogging spectacles for. Arthur Q. Penta, 49:783 (Sept.) 1940.
presentation of new instruments. Simon Jesberg, 49:1045 (Dec.) 1940.

Bronchospirometry. G. R. Brighton and A. L. Barach, 47:1061 (Dec.) 1938.

Bronchus
adenoma (mixed tumor) of: study of 35 cases. Louis H. Clerf and Carl J. Bucher, 51:836 (Sept.) 1942.
adenoma of, further study of. Rudolph Kramer and Max L. Som, 44:861 (Sept.) 1935.
fibrolipoma of: report of a case. Thomas H. McGlade, 48:240 (Mar.) 1939.
left main stem, removal of molar tooth from. William B. Chamberlin, 44:844 (Sept.) 1935.
melanoma of: metastasis simulating bronchiogenic neoplasms. Louis H. Clerf, 43:887 (Sept.) 1934.
multiple papilloma of the larynx, trachea and left bronchus in a child. Ellen J. Patterson, 48:1080 (Dec.) 1939.
myoblastoma of. Rudolph Kramer, 48:1083 (Dec.) 1939.
new method of radium application in cancer of. Joel J. Pressman and Clyde K. Emery, 46:314 (June) 1937.
primary carcinoma of: diagnosis and treatment. Waitman F. Zinn, 46:818 (Sept.) 1937.
so-called adenoma of. C. L. Jackson and F. W. Konzelmann, 50:1264 (Dec.) 1941.
tuberculoma of. Robert L. Moorhead, 46:754 (Sept.) 1937.
ulceration of tuberculous hilar lymph node into lumen of, with bronchoscopic removal. Porter P. Vinson and W. E. Pembleton, 49:797 (Sept.) 1940.
upper lobe, foreign body in. Robert L. Moorhead, 51:1119 (Dec.) 1942.

Brucellosis and otolaryngology. Caesar Hirsch, 44:242 (Mar.) 1935.

C

Cadavera prepared for endoscopy. Oscar V. Batson, 45:58 (Mar.) 1936.

Calcium cevitamate in treatment of acute rhinitis. S. L. Ruskin, 47:502 (June) 1938.

Cancer
in otolaryngology, choice of treatment of. T. C. Galloway, 50:1018 (Dec.) 1941.
of the bronchus: new method of radium application in. Joel J. Pressman and Clyde K. Emery, 46:314 (June) 1937.
of the epiglottis: total extirpation of the epiglottis by the laryngofissure route. Gabriel Tucker, 44:933 (Dec.) 1935.
of the larynx. F. E. LeJeune and P. J. Bayon, 51:460 (June) 1942.
of the larynx, diagnosis and treatment of. Edward S. Wright, 51:228 (Mar.) 1942.
of the larynx, selection of treatment for. H. E. Martin, 49:728 (Sept.) 1940.

Cancer
of the larynx, treatment of, with emphasis on conservatism. F. A. Figi, 50: 723 (Sept.) 1941.
of the lung with hemorrhage: fatal case following bronchoscopy. Francis L. Lederer, 44:157 (Mar.) 1935.
of the nasopharynx. Charles L. Martin, 52:146 (Mar.) 1943.
primary bronchial: diagnosis and treatment. Waitman F. Zinn, 46:818 (Sept.) 1937.
primary, of the lung, clinical diagnosis of. Millard F. Arbuckle, 43:1174 (Dec.) 1934.

Carcinoma
bronchiogenic: case report. H. B. Orton, 47:795 (Sept.) 1938.
without bronchial obstruction. P. H. Holinger and Ralph Rigby, 50:1270 (Dec.) 1941.
epidermoid, of the nasopharynx occurring in two young brothers. Wm. D. Stinson, 49:536 (June) 1940.
of the pharynx, buccal mucosa and larynx. Dean M. Lierle, 48:875 (Dec.) 1939.
highly malignant, of the nasopharynx with bilateral cervical metastasis in a child. F. A. Figi, 50:1218 (Dec.) 1941.
of the esophagus, early diagnosis of. J. R. Lindsay, 50:675 (Sept.) 1941.
of the esophagus: endoscopic experiences during the past year. E. W. Hagens, 50:893 (Sept.) 1941.
of the esophagus: diagnosis and treatment. William A. Hudson, 43:1198 (Dec.) 1934.
of the esophagus: some observations with two case reports. William A. Hudson, 51:1125 (Dec.) 1942.
of the esophagus, with special reference to treatment by radical surgery, x-ray and bouginage. E. B. Benedict, 50:1249 (Dec.) 1941.
of esophagus, with unusual clinical manifestations. P. P. Vinson and P. Kimmelsteil, 47:804 (Sept.) 1938.
of the external auditory canal, middle ear and mastoid. R. J. Bowman, 49:225 (Mar.) 1940.
of the faucial tonsil and contiguous parts, operation for removal of. Duncan Macpherson, 43:727 (Sept.) 1934.
of the larynx. L. B. Berheimer, 49:418 (June) 1940.
of the larynx and total laryngectomy. S. J. Crowe and E. N. Broyles, 47: 875 (Dec.) 1938.
of the middle ear and mastoid. Lewis T. Buckman, 52:194 (Mar.) 1943.
of the thoracic esophagus, surgical treatment of. Julian Johnson, 50:1228 (Dec.) 1941.
of the tonsil: statistical study of 230 cases. LeRoy A. Schall, 43:1047 (Dec.) 1934.
of the tonsils: case report. J. Thomas Dowling, 43:615 (June) 1934.
primary adenocystic, or cylindroma of the trachea. M. Reese Guttman, 45: 894 (Sept.) 1936.
bronchiogenic: incidence, pathogenesis and diagnosis. Henry C. Sweany, 43:561 (June) 1934.
in the eustachian tube. Phil W. Shumaker, 49:1038 (Dec.) 1940.
of the eustachian tube. Durwin H. Brownell, 49:551 (June) 1940.
of the eustachian tube: a study of the evidence of its occurrence. Lawrence J. Lawson, 52:377 (June) 1943.
of the external auditory canal. Maxwell Fineberg and Louis H. Jorstad, 43:464 (June) 1934.
of the frontal sinuses. Earle G. Breeding, 49:141 (Mar.) 1940.
squamous cell of the uvula: report of two cases. J. Milton Robb and Merrill W. Michels, 48:521 (June) 1939.

Carcinoma
report of two cases of carcinoma of sphenoid and ethmoid. Thomas L. Tolan, 48:1067 (Dec.) 1939.
resection of the cervical and upper thoracic esophagus for: report of a case. Fielding O. Lewis, 43:1192 (Dec.) 1934.
resection of the entire thoracic esophagus for. Henry Boylan Orton, 45:28 (Mar.) 1936.
transitional cell, of the upper respiratory tract. Ira Frank, Maurice Lev and Margery Blahd, 50:393 (June) 1941.

Carcinomatosis
of the meninges, case of. Hans Brunner, 50:910 (Sept.) 1941.
of the nasal mucous membrane (fatal hemorrhage after puncture of maxillary sinus). Hans Brunner and John W. Wall, 49:688 (Sept.) 1940.

Carcinosarcoma
of the larynx. Ira Frank and Maurice Lev, 49:113 (Mar.) 1940.
so-called, of the esophagus. S. J. Pearlman, 49:805 (Sept.) 1940.

Cardiospasm
and achalasia of the esophagus, effect of thiamin chloride on. W. D. Stinson, 50:898 (Sept.) 1941.
consideration of the reflex etiology of. Ben L. Bryant, 48:802 (Sept.) 1939.
heart-block periodically induced by the swallowing of food in a patient with. Samuel Iglauer and Bernard A. Schwartz, 45:875 (Sept.) 1936.
pneumatic-mercury dilator. Gabriel Tucker, 48:808 (Sept.) 1939.
intractable, surgical treatment of: report of two cases. Clyde A. Heatly, 49:785 (Sept.) 1940.

Cargile's membrane, closure of perforations of membrana tympani with. W. D. Stinson, 50:178 (Mar.) 1941.

Carotid artery, common, primary thrombosis of the, with recovery. Marvin F. Jones, 52:184 (Mar.) 1943.
massive hemorrhage from. Lyman Richards, 50:1221 (Dec.) 1941.
sheath of the internal: route of infections from primary lesions. Ira Frank and Celia Scheer, 46:912 (Dec.) 1937.
sinus syndrome. M. F. Jones and J. M. Converse, 50:806 (Sept.) 1941.

Cartilage, use of preserved human, in reconstructive facial surgery. Samuel Iglauer, 50:1072 (Dec.) 1941.

Catheterization, peroral, of the common bile duct. C. J. Imperatori, 47:807 (Sept.) 1938.

Cavernous sinus thrombophlebitis, management of. G. D. Hoople and Irl H. Blaisdell, 50:503 (June) 1941.
thrombosis with bilateral blindness cured by an unorthodox procedure. S. J. Kopetzky, 50:284 (Mar.) 1941.
with recovery, proved by necropsy. Eugene R. Lewis, 43:1084 (Dec.) 1934.

Cellulitis
orbital. L. J. Wallner, 51:127 (Mar.) 1942.
and abscess, osteomyelitis with fistula, and diplopia complicating pansinusitis. James S. Davis, 52:906 (Dec.) 1943.
complicating a maxillary sinusitis. Edwin J. Blonder, 52:524 (June) 1943.

Cerebellar herniation as a cause of death. C. Stewart Nash, 46:673 (Sept.) 1937.

Cerebrospinal fluid of the fetus in utero, absorption of quinine into the. H. M. Taylor, L. Y. Dyrenforth and C. B. Pollard, 50:1030 (Dec.) 1941.

rhinorrhea: report of a case presenting hyperostosis frontalis interna. L. L. Titche, 50:554 (June) 1941.

spontaneous: report of a case with operative cure. Andrew Wessels, 48:528 (June) 1939.

with autopsy report. J. J. Shea, 47:253 (Mar.) 1938.

Cervical metastasis, bilateral, of highly malignant carcinoma in a child. F. A. Figi, 50:1218 (Dec.) 1941.

thoracic duct, injuries to. W. L. Simpson and Duncan G. Graham, 52:834 (Dec.) 1943.

Chemotherapy

and serotherapy of acute otitis media. R. N. Ganz, Champ Lyons and C. F. Ferguson, 50:1185 (Dec.) 1941.

in nose and throat diseases. Daniel S. Cunning, 52:394 (June) 1943.

in the treatment of complications of acute middle ear suppuration (petrositis and meningitis). J. R. Lindsay, 50:159 (Mar.) 1941.

Chest infection, relation of, to sinus disease. Elbert L. Spence, 43:579 (June) 1934.

Choana, congenital atresia of: two cases of complete bilateral obstruction. Benton N. Colver, 46:358 (June) 1937.

Choanae, treatment of congenital atresia of. V. H. Kazanjian, 51:704 (Sept.) 1942.

Cholesteatoma

etiologic factors in its formation. Kenneth M. Day, 43:837 (Sept.) 1934.

primary, of the mastoid. L. B. Bernheimer, 46:453 (June) 1937.

review of three hundred and three cases. E. M. Holmes, 47:135 (Mar.) 1938.

Chondroma

and fibroma of the superior maxilla: report of two cases. D. H. Brownell, 49:765 (Sept.) 1940.

of the larynx: case report. Harrington B. Graham, 43:299 (Mar.) 1934.

of the larynx: report of a case. H. B. Orton, 50:715 (Sept.) 1941.

Chordoma: report of two cases. R. F. Ridpath, 47:649 (Sept.) 1938.

Cicatricial atresia of the esophagus. Harold L. Kearney, 44:719 (Sept.) 1935.

stricture of the esophagus treated by a modification of the Iglauer technic. Herman J. Moersch, 44:407 (June) 1935.

of the esophagus: unusual cases. Harold L. Kearney, 44:527 (June) 1935.

Cigarette habit. J. C. Mulhall, 52:714 (Sept.) 1943.

smoke, some preliminary experiments in the study of, and its effects upon the respiratory tract. Arthur Proetz, 48:176 (Mar.) 1939.

Cilia, effect of radiation on. Lyman H. Heine, 45:60 (Mar.) 1936.

Ciliary action, role of, in production of pulmonary atelectasis, vacuum in paranasal sinuses, and in otitis media. A. C. Hilding, 52:816 (Dec.) 1943.

activity, further study of the effects of drugs on: new method of observation in the living animal. D. M. Lierle and P. M. Moore, 44:671 (Sept.) 1935.

insufficiency, relation of, to death from asthma and other respiratory diseases. A. C. Hilding, 52:5 (Mar.) 1943.

Ciliated epithelium, living nasal, effects of certain drugs on. Arthur W. Proetz, 43:450 (June) 1934.
nasal epithelium: its culture in vitro: preliminary report. Arthur W. Proetz and Marian Pfingsten, 45:400 (June) 1936.

Cinematography, simplified apparatus for laryngeal. Paul H. Holinger and H. W. Merideth, 51:215 (Mar.) 1942.

Climate, relationship to diseases of the upper respiratory tract. Robert R. Montgomery, 45:704 (Sept.) 1936.

Coagulation of blood, seasonal variations in: study based on 1676 cases. Lloyd K. Rosenvold and Joseph B. Miller, 46:1068 (Dec.) 1937.

Cocain
addiction: does it concern the otolaryngologist? W. J. Bristow, 50:1161 (Dec.) 1941.
sensitivity in bronchoscopy. David H. Jones, 46:749 (Sept.) 1937.

Cochlea
anomalies of, in patients with normal hearing. L. M. Polvogt and S. J. Crowe, 46:579 (Sept.) 1937.
effects of chemical substances upon the electrical responses of. 1. The application of sodium chloride to the round window membrane. Ernest G. Wever and Charles W. Bray, 46:291 (June) 1937.
electrical activity of, in certain pathologic conditions. M. H. Lurie, H. Davis and A. J. Derbyshire, 43:321 (June) 1934.
historical survey of the structure and function of. T. H. Bast and Jayne Shover, 52:281 (June) 1943.
localization for low tones: animal experimentation. T. H. Bast and J. A. E. Eyster, 44:792; E. A. Culler, 44:807; H. Davis, M. H. Lurie and S. S. Stevens, 44:776; Simon Dworkin, 44:803; Walter Hughson, Eva Thompson and E. G. Witting, 44:777; Edward McCready, Jr., 44:813; E. G. Wever, C. W. Bray and G. P. Horton, 44:772 (Sept.) 1935.
from the point of view of clinical observations. Edmund Prince Fowler, 44:824; Max A. Goldstein, 44:822 (Sept.) 1935.
from the point of view of the physicist. John C. Steinberg, 44:819 (Sept.) 1935.
introductory remarks. S. J. Crowe, 44:737 (Sept.) 1935.
studies on human temporal bones. C. C. Bunch, 44:754; Stacy R. Guild, 44:738 (Sept.) 1935.
nature of bone conduction as shown in the electrical response of. E. G. Wever and Charles W. Bray, 45:822 (Sept.) 1936.
significance of myelin sheath degeneration for the cochlear nerve. W. P. Covell and L. Noble, 46:895 (Dec.) 1937.
vestibule and semicircular canals, exfoliation of. Max A. Goldstein, 50:574 (June) 1941.
Wever and Bray phenomenon: summary of the data concerning the origin of the cochlear effect. C. S. Hallpike and A. F. Rawdon-Smith, 46:976 (Dec.) 1937.

Cochlear activity after death, nature of. E. G. Wever, C. W. Bray and Merle Lawrence, 50:317 (June) 1941.
nerve, peripheral endings of. W. P. Covell, 47:63 (Mar.) 1938.

Cold
experimental and clinical study of the common. I. G. Spiesman, 50:1204 (Dec.) 1941.
intranasal vaccine spray: its use in prophylaxis against the common cold. Theodore E. Walsh, 49:875 (Dec.) 1940.
prophylaxis and treatment of the common, with special reference to respiratory vaccine. C. A. Veasey, Jr., 50:1168 (Dec.) 1941.

Commissure tendon, anterior. Edwin N. Broyles, 52:342 (June) 1943.

Conditioned-reflex method in the study of hearing by bone conduction: differentiation of tactile from auditory responses. E. A. Culler, 45:837 (Sept.) 1936.

Conduction of sound in the ear, experiments on. H. G. Kobrak, 47:166 (Mar.) 1938.

Continuation education: responsibility of otolaryngology. F. T. Hill, 50:1038 (Dec.) 1941.

Cordectomy, submucous, for bilateral abductor paralysis. Walter Stevenson, 46: 531 (June) 1937.

Cords
vocal, effect of androgen therapy on the voice and, of adult women. Joseph L. Goldman and Udall J. Salmon, 51:961 (Dec.) 1942.
King operation for bilateral paralysis of. Lindon Seed, 51:66 (Mar.) 1942.

Costophrenic bronchoscopy for pins deep in the tracheobronchial tree. Ellen J. Patterson, 45:870 (Sept.) 1936.

Cultural material: its collection from ear, nose and throat. C. D. Van Wagenen, 43:865 (Sept.) 1934.

Currents, ultra short wave, in the treatment of ear, nose and throat conditions. Alexander F. Laszlo, 46:174 (Mar.) 1937.

Cylindroma
or primary adenocystic carcinoma of the trachea. M. Reese Guttman, 45: 894 (Sept.) 1936.
so-called, or basaloma of the air passages. Joseph C. Beck and M. Reese Guttman, 45:618 (Sept.) 1936.

Cyst
congenital, of the esophagus: report of a case. Ellen J. Patterson, 43:884 (Sept.) 1934.
fibroepithelial, of the nasal vestibule: review of theories of pathogenesis. J. Allan Weiss, 44:993 (Dec.) 1935.
dentigerous, of the maxillary antrum. D. F. Weaver, 52:516 (June) 1943.
pulmonary dermal inclusion, bronchoscopy in. Joseph C. Beck, 44:1159 (Dec.) 1935.
retention, of the larynx. Murdock Equen, 46:767 (Sept.) 1937.

Cysts
and fistulae of the branchial and thyroglossal duct. John M. Brown, 44:644 (Sept.) 1935.
and fistulae of the neck. Roland D. Russell, 44:532 (June) 1935.
benign, of the antrum. Guerdan Hardy, 48:649 (Sept.) 1939.
dermoid, of the nose. Edgar M. Holmes, 51:662 (Sept.) 1942.
hemorrhagic, of the frontal sinus which simulated mucocele. H. I. Lillie and P. N. Pastore, 50:544 (June) 1941.

Cysts
in the upper air passages: roentgen demonstration. Henry K. Taylor and Louis Nathanson, 44:170 (Mar.) 1935.
nontumorous, of the maxilla. Raymond S. Rosedale and Sheldon W. Koepf, 46:652 (Sept.) 1937.
of the floor of the mouth. W. H. Johnston, 51:917 (Dec.) 1942.

D

Deaf and normal persons: objective study of comparative number of speech sounds spoken per minute. Charles H. Voelker, 46:471 (June) 1937.

Deaf, incidence of stuttering among the. Ollie Backus, 47:632 (Sept.) 1938.

Deaf-mutism, congenital familial, in six children. Carl H. Christoph, 52:520 (June) 1943.

Deafness
and defective hearing with particular reference to etiology. N. E. Hartsook, 46:510 (June) 1937.
"aural" or "acoustic" method of treating: further investigation. Howard C. Ballinger, 45:632 (Sept.) 1936.
chronic progressive, changing conception of the management of. Frederick T. Hill, 51:653 (Sept.) 1942.
from a nutritional standpoint. Grant Selfridge, 46:875 (Dec.) 1937.
further experiences in fenestration of the labyrinth in. E. H. Campbell, 50:182 (Mar.) 1941.
need of a revised nomenclature. Thomas J. Harris, 43:256 (Mar.) 1934.
results in the labyrinth fistulization operation for. E. H. Campbell, 49: 447 (June) 1940.
with special reference to estrogenic substances (a further contribution). Grant Selfridge, 49:52 (Mar.) 1940.
conduction, note on the greater disability for hearing high tones in cases of. A. G. Pohlman, 48:596 (Sept.) 1939.
use of radium in. Gilbert E. Fisher, 52:473 (June) 1943.
congenital, operation for possible alleviation of certain cases of, and certain types of acquired chronic deafness. Earl C. Padgett, 48:113 (Mar.) 1939.
constitutional. Mark J. Gottlieb, 43:541 (June) 1934.
eighth nerve high tone, from a nutritional standpoint. Grant Selfridge, 46: 93 (Mar.) 1937; 48:608 (Sept.) 1939.
end-organ, in dogs due to the application of certain chemicals to the round window membrane. E. P. Fowler, Jr., and T. W. Forbes, 45:859 (Sept.) 1936.
in malingerers: method to determine the percentage. Fred W. Dixon, 44:483 (June) 1935.
inner ear, from tetanus antitoxin injection. P. B. MacCready, 47:247 (Mar.) 1938.
nerve, quinine in relation to. S. B. Forbes, 52:109 (Mar.) 1943.
of Beethoven. Ira Frank, 44:327 (June) 1935.
otoscopic picture in. Werner Mueller, 52:20 (Mar.) 1943.
pathology of the inner ear in a case of, from epidemic cerebrospinal meningitis. E. W. Hagens, 49:168 (Mar.) 1940.
perception: what is it from a physiological and histological basis? M. H. Lurie, 48:3 (Mar.) 1939.

Deafness
prevention and treatment. George E. Shambaugh, Jr., 43:513 (June) 1934.
prevention of, in the school child. Burt R. Shurly, 46:223 (Mar.) 1937.
recent advances in diagnosis and treatment. G. E. Shambaugh, Jr., 47:636 (Sept.) 1938.
simulation of. William E. Grove, 52:573 (Sept.) 1943.
stimulation: experimental study in guinea pigs. G. P. Horton, 44:252 (Mar.) 1935.
summary of round window graft operations performed for. Walter Hughson, 49:384 (June) 1940.
surgical treatment of: report of experiences with endaural labyrinthine fenestration. M. S. Ersner and David Myers, 50:206 (Mar.) 1941.
traumatic, from the explosion of a firecracker: a case report. C. C. Bunch, 47:1092 (Dec.) 1938.
treatment of, and tinnitus aurium, with prostigmin. Harry Schluederberg, 51:526 (June) 1942.
type of, which responds to fistulization of the otic capsule. Walter Hughson, 49:262; Norton Canfield, 49:248 (Mar.) 1940.
war, and its prevention. Stacy R. Guild, 50:70 (Mar.) 1941.

Defense mechanisms of the upper respiratory tract. Ralph A. Fenton and Olof Larsell, 46:303 (June) 1937.

Deformities, external, corrected and removal of existing intranasal obstruction advantageously accomplished at same operation. Lee Cohen, 44:233 (Mar.) 1935.

Deglutition: laryngeal and esophageal atavism in man as indicated by the probable phylogenesis of the hypopharyngeal receptacle. Louis Z. Fishman, 44:139 (Mar.) 1935.

Dental observations by an otolaryngologist. Gordon Berry, 50:995 (Dec.) 1941.

Dentigerous cyst of the maxillary antrum. D. F. Weaver, 52:516 (June) 1943.

Dermatologic conditions of the ear, nose and throat. Frederick A. Figi, 48:81 (Mar.) 1939.

Development of the otic capsule. VI. Histological changes and variations in the growing bony capsule of the vestibule and cochlea. T. H. Bast, 51:343 (June) 1942.

Diathermy in the treatment of a series of cases of so-called carcinoid tumors of the bronchi. John D. Kernan, 44:1167 (Dec.) 1935.

Dilatation, gradual, of benign strictures of the esophagus. Carl L. Hoag, 46:327 (June) 1937.

Diphtheria, laryngeal, treatment of: statistical study of 655 cases. John Eschenbrenner, 45:485 (June) 1936.

Diplacusis binauralis dysharmonica. Arthur Proetz, 46:119 (Mar.) 1937.

Diplopia, osteomyelitis with fistula, orbital cellulitis and abscess and, complicating pansinusitis. James S. Davis, 52:906 (Dec.) 1943.

Disease—or defamation? Charles K. Carpenter, 45:1069 (Dec.) 1936.

Diseases, functional, of the nose, broader concept of. C. Stewart Nash, 50:458 (June) 1941.

Displacement method: evaluation with a review of the literature. Arthur W. Proetz, 46:699 (Sept.) 1937.

Dizziness in head injuries, cause of. Mark Albert Glaser, 46:387 (June) 1937.

Dorsum, advantage of mixed bone and cartilage grafts in correction of saddle nose and other depressed deformities of. Lee Cohen, 49:410 (June) 1940.

Drainage board, postural. F. W. Davison, 51:1074 (Dec.) 1942.

Drugs
- effect of, upon living nasal ciliated epithelium. Arthur W. Proetz, 43:450 (June) 1934.
- further study of effects of, on ciliary activity: new method of observation in the living animal. D. M. Lierle and P. M. Moore, 44:671 (Sept.) 1935.

Duct
- cervical thoracic, injuries of. W. Likely Simpson and Duncan G. Graham, 52:834 (Dec.) 1943.
- nasolacrinal, x-ray visualization of. George E. Hourn, 46:962 (Dec.) 1937.

Dyslalia cophotica, spasmophemia in. Elsie S. Voelker and Charles H. Voelker, 46:740 (Sept.) 1937.

Dysphonia ventricularis, phoniatry in. Charles H. Voelker, 44:471 (June) 1935.

Dyspnea due to congenital anomaly of the aorta. LeRoy A. Schall and Louis G. Johnson, 49:1055 (Dec.) 1940.

Dysphagia
- associated with anemia. Leighton Johnson, 47:809 (Sept.) 1938.
- due to osteochondroma of cervical spine. Samuel Iglauer, 47:799 (Sept.) 1938.

Dysphemia and dysphonia, psychiatric therapy of. J. S. Greene, 47:615 (Sept.) 1938.

Dystrophy of mastoid, polyostotic fibrous, complicated by acute mastoiditis. J. M. Robb, 50:330 (June) 1941.

E

Ear
- acute actinomyces mastoiditis. J. A. Haiman and M. H. Adelman, 48:195 (Mar.) 1939.
- and sinus symptoms dependent upon disturbed function of the temporomandibular joint. James B. Costen, 43:1 (Mar.) 1934.
- chemotherapy in the treatment of complications of acute middle ear suppuration (petrositis and meningitis). J. R. Lindsay, 50:159 (Mar.) 1941.
- clinical experiments with reference to the influence of water metabolism on. S. H. Mygind and Dida Dederding, 47:360 (June) 1938.
- closure of perforations of membrana tympani with Cargile's membrane. W. D. Stinson, 50:178 (Mar.) 1941.
- conservative treatment in diseases of. James A. Babbitt, 43:1001 (Dec.) 1934.
- differences in loudness response of the normal and hard-of-hearing ear at intensity levels slightly above the threshold. Scott N. Reger, 45:1029 (Dec.) 1936.
- exfoliation of the cochlea, vestibule and semicircular canals. Max A. Goldstein, 50:574 (June) 1941.

Ear

external, myxofibro sarcoma of. Frank Hand and Gerald Brown O'Connor, 47:1096 (Dec.) 1938.

sardoidosis of. David L. Poe, 49:771 (Sept.) 1940.

in experimental vitamin A deficiency. H. B. Perlman and John Willard, 50: 349 (June) 1941.

inner, from an experimental and clinical standpoint. Walter Hughson, 47: 68 (Mar.) 1938.

hemorrhage, late, following skull fractures. W. E. Grove, 48:120 (Mar.) 1939.

manifestations of allergy in. M. F. Jones, 47:910 (Dec.) 1938.

manifestations of lipoid granulomatosis (Hand-Schuller Christian's disease). Joseph G. Druss, 45:693 (Sept.) 1936.

middle, and accessory nasal sinuses from a flight surgeon's point of view. Cole D. Pittman, 50:518 (June) 1941.

bacteriological studies of acute infections of. L. Dell Henry and Hugh A. Kuhn, 49:519 (June) 1940.

carcinoma of. R. J. Bowman, 49:225 (Mar.) 1940.

mechanics of a prosthesis. A. G. Pohlman, 45:351 (June) 1936.

physiology and histopathology of. D. M. Lierle and J. J. Potter, 50:235 (Mar.) 1941.

nose and throat conditions, ultra short wave currents in the treatment of. Alexander F. Laszlo, 46:174 (Mar.) 1937.

dermatologic conditions of. Frederick A. Figi, 48:81 (Mar.) 1939.

reactions in, to sound. A. G. Pohlman, 50:363 (June) 1941.

relation between nutrition and the ear, survey of. Grant Selfridge, 49:674 (Sept.) 1940.

sound, transmission through, and its relation to sound injury. Frederick M. Grossman, 52:666 (Sept.) 1943.

spontaneous hemorrhage from. Thomas F. McCormick, 48:525 (June) 1939.

syphilis of: histopathologic study. Victor Goodhill, 48:676 (Sept.) 1939.

use of human convalescent scarlet fever serum in streptococcic infections involving the ear, nose and throat. Pierre Viole, 49:639 (Sept.) 1940.

use of urea in suppurative conditions about. A. P. Seltzer, 49:219 (Mar.) 1940.

utilization of the tensor tympani muscle reflex in the analysis of the function of the middle and internal structures. Heinrich Kobrak, 45:830 (Sept.) 1936.

value of the vestibular test in neurological diagnosis. J. L. Maybaum, 48:484 (June) 1939.

waltzing (circling) guinea pig. M. H. Lurie, 50:113 (Mar.) 1941.

Earache: common causes and problable nerve pathways. G. Edward Tremble, 51: 1017 (Dec.) 1942.

Ears, mastoiditis in congenitally deformed. A. T. Wanamaker, 48:140 (Mar.) 1939.

Economics in otolaryngology. Burt R. Shurly, 43:262 (Mar.) 1934.

Ectasia, tracheal, with report of a case. Robert E. Priest, 51:1055 (Dec.) 1942.

Edema
cerebral, as cause of intracanial hypertension of otitic origin. Norman Levy, 48:999 (Dec.) 1939.
supraglottic laryngeal: characteristic respiratory sounds as an aid in diagnosis. A. Harry Neffson, 46:1065 (Dec.) 1937.

Education, continuation: responsibility of otolaryngology. F. T. Hill, 50:1038 (Dec.) 1941.

Eighth nerve and nicotinic acid: preliminary report. Grant Selfridge 48:39 (Mar.) 1939.

Electrical activity of the cochlea in certain pathologic conditions. M. H. Lurie, H. Davis and A. J. Derbyshire, 43:321 (June) 1934.

Electrocautery in treatment of laryngeal tuberculosis. W. E. Vandevere, 43:572 (June) 1934.

Electrocoagulation
of the tonsils. Meyer L. Niedelman, 48:227 (Mar.) 1939.
of the tonsils, obstacles encountered in. William J. Yonker, 43:1117 (Dec.) 1934.

Embryology in otosclerosis. Central Bureau of Research of American Otological Society, 45:177 (Mar.) 1936.

Emphysema
of the head, neck and chest complicating tonsillectomy, and a review of the literature. Charles L. Rubenstein, 44:509 (June) 1935.
subcutaneous, as a complication of foreign body in a bronchus. Louis H. Clerf, 44:364 (June) 1935.
caused by foreign body. Louis Daily, 47:831 (Sept.) 1938.
caused by foreign body, prune seed, in the bronchus. Louis Daily, 46: 259 (Mar.) 1937.

Empyema
encapsulated, of the petromastoid: report of a case. Henry L. Williams, 48: 236 (Mar.) 1939.
postpneumonic, complicated by postpneumonic atelectasis. Ethan F. Butler, 44:855 (Sept.) 1935.

Encephalomeningoceles in the nasal cavities. Oliver B. McGillicuddy, 51:516 (June) 1942.

Endaural labyrinthine fenestration, report of experiences with. M. S. Ersner and David Myers, 50:206 (Mar.) 1941.

Endobronchitis, tuberculous, further observations on. Kenneth A. Phelps, 51:1102 (Dec.) 1942.

Endocrine imbalances and their relation to the upper respiratory tract. Gordon F. Harkness, 46:488 (June) 1937.

Endocrinology in otosclerosis. Central Bureau of Research of the American Otological Society, 45:221 (Mar.) 1936.

Endolymph decompression with symptomatic improvement of Ménière's symptom complex: report of a case. Sidney N. Parkinson, 44:382 (June) 1935.

Endoscopic foreign body cases, presentation of three interesting. Maurice Bonnier, 50:936 (Sept.) 1941.

Endoscopy
at the crossroads. Lyman G. Richards, 51:791 (Sept.) 1942.
for foreign body: report of 178 cases of foreign body in the air and food passages. Chevalier Lawrence Jackson, 45:644 (Sept.) 1936.
peroral, anesthesia for. C. L. Jackson and G. S. McReynolds, Jr., 49:1048 (Dec.) 1940.
inception and development of. Mervin C. Myerson, 48:454 (June) 1939.
preparing cadavera for. Oscar V. Batson, 45:58 (Mar.) 1936.
some interesting cases. T. E. Carmody, 46:760 (Sept.) 1937.

Environmental surgery in otolaryngology. J. F. Barnhill, 50:850 (Sept.) 1941.

Epiglottis, cancer of: total extirpation of the epiglottis by the laryngofissure route. Gabriel Tucker, 44:933 (Dec.) 1935.

Epithelium
ciliated, effect of radiation on. Lyman H. Heine, 45:60 (Mar.) 1936.
nasal: its culture in vitro, preliminary report. Arthur W. Proetz and Marian Pfingsten, 45:400 (June) 1936.
histology of, in the paranasal sinuses under various conditions. J. S. Latta and R. F. Schall, 43:945 (Dec.) 1934.

Equilibrium, static, possible impairment of, as a result of repeated bodily rotation. O. H. Mowrer, 43:367 (June) 1934.

Esophageal accidents. Thomas E. Carmody, 44:1162 (Dec.) 1935.
atresia, some problems in. Clyde A. Heatly, 45:1122 (Dec.) 1936.
neuroses. H. G. Beatty and D. M. Palmer, 50:1245 (Dec.) 1941
perforations, complications of. P. H. Holinger, 50:681 (Sept.) 1941.
stricture: preliminary survey of the effect which lye legislation has had on its incidence. H. Marshall Taylor, 44:1157 (Dec.) 1935.
varices, further studies on the treatment of, by injection of a sclerosing solution. H. J. Moersch, 50:1233 (Dec.) 1941.
voice, pre-operative training for development of, in laryngectomized patients. Julius W. McCall, 52:364 (June) 1943.

Esophagogastroscope, child size and adult. Gabriel Tucker, 45:1179 (Dec.) 1936.

Esophagogastrostomy, achalasia of the esophagus with report of a case relieved by. H. E. Mitchell, 50:662 (Sept.) 1941.

Esophagoscope
an extension. Gabriel Tucker, 43:1209 (Dec.) 1934.
and gastroscope, five mm. full lumen thirty-five cm. Gabriel Tucker, 43:1210 (Dec.) 1934.
difficulties and pitfalls in the insinuation of. Chevalier Jackson, 45:1109 (Dec.) 1936.

Esophagoscopic and bronchoscopic telemagnifier. Sidney Israel, 44:285 (Mar.) 1935.
observations on eleven cases of jackstones in the upper food passages. Gabriel Tucker, 46:237 (Mar.) 1937.

Esophagus
achalasia of, effect of thiamin chloride on cardiospasm and. W. D. Stinson, 50:898 (Sept.) 1941.
achalasia of: with report of a case relieved by esophagogastrostomy. H. E. Mitchell, 50:662 (Sept.) 1941.

Esophagus
and hypopharynx containing multiple fibrolipomata. Rudolph Kramer, 43: 881 (Sept.) 1934.
benign strictures of: new method of gradual dilatation. Carl L. Hoag, 46: 329 (June) 1937.
carcinoma of. E. W. Hagens, 50:893 (Sept.) 1941.
carcinoma of, early diagnosis of. J. R. Lindsay, 50:675 (Sept.) 1941.
carcinoma of: diagnosis and treatment. William A. Hudson, 43:1198 (Dec.) 1934.
carcinoma of: some observations with two case reports. William A. Hudson, 51:1125 (Dec.) 1942.
carcinoma of, with special reference to treatment by radical surgery, X-ray and bouginage. E. B. Benedict, 50:1249 (Dec.) 1941.
carcinoma of, with unusual clinical manifestations. P. P. Vinson and P. Kimmelsteil, 47:804 (Sept.) 1938.
cases, notes on. Harris P. Mosher, 43:1154 (Dec.) 1934.
center of ossification of the sternum mistaken for a foreign body in. E. M. Seydell, 49:1061 (Dec.) 1940.
cervical, minute perforation of; fulminating descending infection; mediastinitis; external operation; recovery: case report. Clyde A. Heatly, 43:873 (Sept.) 1934.
and upper thoracic, resection of, for carcinoma: report of a case. Fielding O. Lewis, 43:1192 (Dec.) 1934.
cicatricial atresia of. Harold L. Kearney, 44:719 (Sept.) 1935.
cicatricial stricture of, unusual cases of. Harold L. Kearney, 44:527 (June) 1935.
complete cicatricial stenosis of: permeation made possible by external operation in certain cases. Fletcher D. Woodward, 51:94 (Mar.) 1942.
congenital cyst of. Ellen J. Patterson, 43:884 (Sept.) 1934.
congenital atresia of, proposed operation for relief of. Samuel Iglauer, 43: 1147 (Dec.) 1934.
diffuse spasm of the lower part of. H. J. Moersch and J. D. Camp, 43:1165 (Dec.) 1934.
fibrosis of, infection as a cause of. H. P. Mosher, 50:633 (Sept.) 1941.
impermeable cicatricial stricture of, treated by a modification of the Iglauer technic. Herman J. Moersch, 44:407 (June) 1935.
intubation of. Harris P. Mosher, 44:847 (Sept.) 1935.
lactic acid stricture of. Carlos E. Pitkin. 44:842 (Sept.) 1935.
malignant disease of, satisfactory method for irradiation of. N. J. Birbeck, J. O. Beavis, H. R. Huston, 45:412 (June) 1936.
multiple papilloma of. Westley M. Hunt, 46:752 (Sept.) 1937.
rupture of, with spontaneous recovery of the patient. Samuel Iglauer, 47:1083 (Dec.) 1938.
so-called carcinosarcoma of. S. P. Pearlman, 49:805 (Sept.) 1940.
thoracic, resection for carcinoma of. Henry Boylan Orton, 45:28 (Mar.) 1936.
surgical treatment of carcinoma of. Julian Johnson, 50:1228 (Dec.) 1941.

Estrogenic substance in the treatment of atrophic rhinitis. Louis A. Safer, 51:158 (Mar.) 1942.
substances, chronic progressive deafness with special reference to further contribution. Grant Selfridge, 49:52 (Mar.) 1940.

Ether insufflation tube, tracheotomic. Gabriel Tucker, 43:1132 (Dec.) 1934.

Ethmoid area, osteomyelitis of the skull originating in. William F. Clevenger and Howard L. Norris, 45:1040 (Dec.) 1936.

Ethmoid
benign giant cell tumor of. Merrill Wattles, 46:212 (Mar.) 1937.
carcinoma of sphenoid and, report of two cases. Thomas L. Tolan, 48:1067 (Dec.) 1939.
ethmoid, problem of. George M. Coates, 44:42 (Mar.) 1935.
unusual meningo-encephalocele of. George W. Olson, 46:523 (June) 1937.

Ethmoids, left posterior, air rifle buck shot in: operative removal. M. G. Golden, 49:1032 (Dec.) 1940.

Ethmoiditis operative and nonoperative treatment of. Joseph D. Kelly, 45:1050 (Dec.) 1936.

Ethmoidectomy and sphenoidectomy, radical, importance of, in the relief of general and ocular diseases. Oscar Wilkinson, 43:1120 (Dec.) 1934.

Etiology
of defective hearing and deafness. N. E. Hartsook, 46:510 (June) 1937.
of the saddle nose. Michael M. Wolfe, 46:504 (June) 1937.

Eustachian tube
in man, effect on hearing of experimental occlusion of. Walter E. Loch, 51: 936 (Dec.) 1942.
microscopic anatomy of. Dorothy Wolff, 43:483 (June) 1934.
obstruction: new treatment; controlled heat bougie. Emanuel Simon, 43:598 (June) 1934.
primary carcinoma of. D. H. Brownell, 49:551 (June) 1940; Phil W. Shumaker, 49:1038 (Dec.) 1940.
primary carcinoma of: study of the evidence of its occurence. Lawrence J. Lawson, 52:337 (June) 1943.

Exenteration, sublabyrinthine, of the petrous apex. J. Brown Farrior, 51:1007 (Dec.) 1942.

Exfoliation of the cochlea, vestibule and semicircular canals. Max A. Goldstein, 50:574 (June) 1941.

Exophthalmos. A. D. Ruedemann, 50:1064 (Dec.) 1941.
of obscure nasal origin: report of six cases. W. H. Jenkins, 44:279 (Mar.) 1935.

Extension, pathological, to the temporomandibular fossa and to the facial canal from otitis media. Dorothy Wolff, 51:969 (Dec.) 1942.

F

Face, aspects of emergency plastic surgery in war injuries of. John M. Converse, 52:637 (Sept.) 1943.

Facial bones, fractures of. William D. Gill, 46:228 (Mar.) 1937.
defects, sulfathiazol used with cartilage implants for repair of. J. H. Childrey, 49:709 (Sept.) 1940.

Facial
nerve, diagnostic significance of partial paralysis of, in chronic suppurative otitis media and mastoiditis. H. I. Lillie, 50:38 (Mar.) 1941.
palsy, some observations on. James A. Babbitt, 45:611 (Sept.) 1936.
paralysis, surgical repair: clinical presentation. Arthur B. Duel and Thomas G. Tickle, 45:3 (Mar.) 1936.
tumor of, within the mastoid bone. Clair M. Kos, 49:151 (Mar.) 1939.
paralysis, advanced methods in surgical treatment. Arthur B. Duel, 43:76 (Mar.) 1934.
relapsing alternating peripheral. Pierre Viole, 46:351 (June) 1937.

Fenestration
endaural labyrinthine, report of experiences with. M. S. Ersner and David Myers, 50:206 (Mar.) 1941.
of the labyrinth in chronic progressive deafness, further experiences in. E. H. Campbell, 50:182 (Mar.) 1941.

Fibrolipoma of the laryngopharynx. F. W. Davison, 51:853 (Sept.) 1942.

Fibrolipomata, multiple, of the hypopharynx and esophagus. Rudolph Kramer, 43: 881 (Sept.) 1934.

Fibroma
and chondroma of the superior maxilla. D. H. Brownell, 49:765 (Sept.) 1940.
nasopharyngeal. Hans Brunner, 51:29 (Mar.) 1942.
with report of a case with secondary pneumocephalus. Frederick T. Hill, 51:105 (Mar.) 1942.
ossifying, of the upper jaw. Robin Harris and Van Dyke Hagaman, 51:508 (June) 1942.
pedunculated, of the nasal septum. W. Likely Simpson and J. D. Evans, 46: 527 (June) 1937.

Fibromas of the nasopharynx: juvenile and cellular types. Max L. Som, 49:211 (Mar.) 1940.

Fibromyoma of the larynx in an 82-year-old male. M. F. Arbuckle, 50:912 (Sept.) 1941.

Fibrosarcoma of the trachea. Lyman G. Richards and Harry F. Dietrich, 43:892 (Sept.) 1934.

Fibrosis of the esophagus, infection as a cause of. H. P. Mosher, 50:633 (Sept.) 1941.

Fifth nerve irritation, headaches of otorhinologic origin and certain reflexes caused by. J. G. McLaurin, 50:469 (June) 1941.

Fistula
postauricular. Rea R. Ashley, 46:477 (June) 1937.
prevention by periosteal and subcutaneous tissue flaps. W. A. McNichols, 45:475 (June) 1936.

Fistulae
and cysts of the branchial and thyroglossal duct. John M. Brown, 44:644 (Sept.) 1935.
and cysts of the neck. Roland D. Russell, 44:532 (June) 1935.
antro-alveolar, method of closing. Rea E. Ashley, 48:632 (Sept.) 1939.

Fistulization of the otic capsule, type of deafness which responds to. Norton Canfield, 49:248 (Mar.) 1940.

Fluoroscope, biplane, as an aid in bronchoscopy. Chevalier L. Jackson and W. Edward Chamberlain, 45:1143 (Dec.) 1936.

Focus of infection, why otolaryngologists frequently fail to remove. Myer Solis-Cohen, 43:586 (June) 1934.

Forceps
for extracting a nail or screw lodged head upward from the bronchus. Chevalier L. Jackson, 45:1178 (Dec.) 1936.
new nail extracting. Chevalier L. Jackson, 47:1089 (Dec.) 1938.

Foreign body
air rifle buck shot in the left posterior ethmoids. M. G. Golden, 49:1032 (Dec.) 1940.
broken needle, in the tonsillar fossa. J. Allan Weiss, 51:483 (June) 1942.
cases, endoscopic, presentation of three interesting. Maurice Bonnier, 50:936 (Sept.) 1941.
in a bronchus, complicated by subcutaneous emphysema. Louis H. Clerf, 44:264 (Mar.) 1935.
in the esophagus, center of ossification of the sternum mistaken for. E. M. Seydell, 49:1061 (Dec.) 1940.
in the upper lobe bronchus. Robert L. Moorhead, 51:1119 (Dec.) 1942.
molar tooth, removed from left main stem bronchus. William B. Chamberlin, 44:844 (Sept.) 1935.
of the lower air and food passages: some factors influencing mortality. Herrmann E. Bozer, 46:409 (June) 1937.
perforating the trachea. Gordon Berry, 44:838 (Sept.) 1935.
piece of gold bougie removed during radical mastoid operation. Hill Hastings, 46:248 (Mar.) 1937.
problem of a common pin as, in a terminal bronchiole. Douglas G. Carruthers, 51:257 (Mar.) 1942.
prune seed, causing subcutaneous emphysema. Louis Daily, 46:259 (Mar.) 1937.

Foreign bodies
esophageal, two cases of mediastinitis following. L. C. McHenry, 51:1083 (Dec.) 1942.
in the air passages: observations on complications and end results. Louis H. Clerf, 44:879 (Sept.) 1935.
in the gastrointestinal tract. Emily L. Van Loon and Sidney Diamond, 51: 1077 (Dec.) 1942.
jackstones, in the upper food passages. Gabriel Tucker, 46:237 (Sept.) 1937.
long retained in the lower airways, late results of. Ethan Flagg Butler, N. Stanley Lincoln, John Kenneth Deegan, Ralph Horton, 48:817 (Sept.) 1939.
nasal: report of a case having lodgment for seven years. Clarence W. Trexler, 43:620 (June) 1934.
unusually large, removed from tracheobronchial tree. Murdock Equen and Frank Neuffer, 46:535 (June) 1937.
vegetal, in the bronchi. L. G. Richards, 50:860 (Sept.) 1941.

Fracture, transverse, of the petrous pyramid. Wm. E. Grove, 48:491 (June) 1939.

Fractures
of the base of the skull. W. J. Mellinger, 47:291 (June) 1938.
of the face involving nasal accessory sinuses. J. B. Naftzger, 51:414 (June) 1942.
of the facial bones. William D. Gill, 46:228 (Mar.) 1937.
of the nose and sinuses: their management. Fletcher D. Woodward, 44:264 (Mar.) 1935.
skull, followed by late ear hemorrhage. W. E. Grove, 48:120 (Mar.) 1939.

Friedlander's bacillus as the cause of mastoiditis. H. J. Profant, 47:379 (June) 1938.

Frontal bone, microscopic changes in osteomyelitis of the. Clair M. Kos, 49:510 (June) 1940.

osteomyelitis of. A. C. Jones, 45:726 (Sept.) 1936.

osteomyelitis of the, with report of thirteen cases. A. C. Jones, 49:713 (Sept.) 1940.

sinus, contour reconstruction after external operation. G. B. O'Connor, 47: 183 (Mar.) 1938.

disease, serious complications of. Claude T. Uren, 48:515 (June) 1939.

surgery, some causes for failure in. Robert Lincoln Goodale, 51:648 (Sept.) 1942.

sinusitis. J. M. Brown, 50:435 (June) 1941.

discharge from chronic, draining directly into the maxillary sinus. H. I. Lillie, 50:572 (June) 1941.

subacute. O. E. VanAlyea, 50:570 (June) 1941.

Functional pattern of the autonomic nervous system. David Higbee, 50:1047 (Dec.) 1941.

Fundus changes, ocular, analysis of, in otitic sinus thrombosis. Isidore Friesner, 50:32 (Mar.) 1941.

G

Galvanic falling reaction, clinical application of. E. J. Blonder, 47:384 (June) 1938.

Ganglion

sphenopalatine, review of Sluder's observations on. H. W. Lyman, 45:362 (June) 1936.

and sphenoid sinus as factors in so-called atypical trigeminal neuralgia. H. W. Lyman, 44:653 (Sept.) 1935.

surgical removal of: report of three operations; elaborating an original technique to expose the pterygo-palatine fossa, command the internal maxillary artery and its terminals and the infraorbital nerve and its branches. Edward Cecil Sewall, 46:79 (Mar.) 1937.

Gangrene, diabetic, causing spontaneous amputation of the nose. Thomas B. Wood, 46:1112 (Dec.) 1937.

Garcin, syndrome of: unilateral total involvement of the cranial nerves with report of one case. Leo. A. Spiegel, 52:706 (Sept.) 1943.

Gastroscope and esophagoscope; five mm. full lumen thirty-five cm. Gabriel Tucker, 43:1210 (Dec.) 1934.

Gastroscopy with the flexible gastroscope. Chevalier L. Jackson, 44:1150 (Dec.) 1935.

Geriatrics, relation of, to otolaryngology, J. A. Babbitt, 50:1079 (Dec.) 1941.

Gland

of the neck, differential diagnosis of enlargement of. R. F. Farquharson, 44: 662 (Sept.) 1935.

tissue, parotid, in the tonsillar fossa. Ernest M. Seydell, 43:304 (Mar.) 1934.

Gradenigo syndrome, bilateral, with recovery. R. A. Fenton, 50:283 (Mar.) 1941.

Gramicidin (tyrothricin), local use of the sulfonamides, and penicillin in otolaryngology. John E. Bordley, S. J. Crowe, David A. Dolowitz and Kenneth L. Pickrell, 51:936 (Dec.) 1942.

Granuloma, polypoid, of the larynx, following endotracheal anesthesia. Wm. A. Smiley, 49:556 (June) 1940.

Granulomatosis, lipoid, aural manifestations of (Hand-Schuller Christian's disease). Joseph C. Druss, 45:693 (Sept.) 1936.

Gustatory system, relationship of, to the olfactory system. Leon Felderman, 44: 685 (Sept.) 1935.

H

Head
- anatomy of, anatomic "crown" as an aid for postgraduate study of. Sol Malis, 49:239 (Mar.) 1940.
- and neck: lymphatic drainage, emphasizing special structures. W. W. Looney, 44:33 (Mar.) 1935.
- and neck manifestations in metabolic disorders. Harry L. Pollock, 43:553 (June) 1934.
- injury, posttraumatic syndrome of. H. A. Brown, 50:1152 (Dec.) 1941.

Headache
- caused by hypertonic muscles of the neck. William Mithoefer, 43:67 (Mar.) 1934.
- from the nasal wall. Howard H. Burnham, 46:69 (Mar.) 1937.
- practical management of. Arthur W. Proetz, 52:409 (June) 1943.

Headaches of otorhinologic origin and certain reflexes caused by fifth nerve irritation. J. G. McLaurin, 50:469 (June) 1941.

Hearing
- acuity and stammering. M. Arline Harms, M. E. and J. Y. Malone, 48:658 (Sept.) 1939.
  - in man, effect of experimentally altered air pressure in the middle ear on. Walter E. Loch, 51:995 (Dec.) 1942.
- aid: is it the problem of the otologist or the layman? M. S. Ersner, 47:212 (Mar.) 1938.
  - clinic. B. H. Senturia, S. R. Silverman, and C. E. Harrison, 52:131 (Mar.) 1943.
- and brain tumors. W. J. McNally, T. C. Erickson, R. Scott-Moncrieff and D. L. Reeves, 45:797 (Sept.) 1936.
- audiometric studies on school children. III. variations in the auditory acuity of 543 school children re-examined after an average interval of three years. Antonio Ciocco, 46:55 (Mar.) 1937.
  - V. changes in air conduction acuity after an interval of five years. Antonio Ciocco, 47:926 (Dec.) 1938.
- by bone conduction, conditioned-reflex method in the study of: differentiation of tactile from auditory responses. E. A. Culler, 45:837 (Sept.) 1936.
  - principles of transmission of sound. Stacy R. Guild, 45:736 (Sept.) 1936.
  - report of Committee on Methods of Testing. 45:800 (Sept.) 1936.
  - vibration and electrical stimulation. Hallowell Davis, 45:775 (Sept.) 1936.
- clinical examination of the hard of. Werner Mueller, 51:756 (Sept.) 1942.

Hearing
defective, and deafness with particular reference to etiology. N. E. Hartsook, 46:510 (June) 1937.
difference in loudness response of the normal and hard-of-hearing ear at intensity levels slightly above the threshold. Scott N. Reger, 45:1029 (Mar.) 1936.
effect of severe illness on. Edmund Prince Fowler, 43:387 (June) 1934.
effect on, of experimental occlusion of the eustachian tube in man. Walter E. Loch, 51:396 (June) 1942.
eighth nerve in relation to thiamin chloride and nicotinic acid: comparative study. Grant Selfridge, 48:419 (June) 1939.
estimation of improvement in, following therapy of deafness. Walter Hughson and E. G. Witting, 49:368 (June) 1940.
experiments on the conduction of sound in the ear. H. G. Kobrak, 47:166 (Mar.) 1938.
herpes zoster oticus with facial paralysis and acoustic symptoms. H. C. Rosenberger, 50:271 (Mar.) 1941.
histopathology of peripheral auditory mechanism in drug-injected animals. W. P. Covell, 47:342 (June) 1938.
impaired, in children, and size of adenoids in relation to some anthropometric data and to condition of teeth. Ella Langer, 51:931 (Dec.) 1942.
impairment of, in children, recognition, treatment and prevention of. S. J. Crowe and Curtis F. Burnam, 50:15 (Mar.) 1941.
in chronic otitis media. Philip E. Meltzer, 51:727 (Sept.) 1942.
interpretation of bone conduction and other tests of. George E. Shambaugh, Jr., 45:779 (Sept.) 1936.
mechanism of, significant anatomic features with special reference to the late fetus. Dorothy Wolff, 43:193 (Mar.) 1934.
new theory of, based on experimental findings: auditory fatigue. E. M. Josephson, 43:1103 (Dec.) 1934.
nicotinic acid and the eighth nerve: preliminary report. Grant Selfridge, 48:39 (Mar.) 1939.
normal, anomalies of the cochlea in patients with. L. M. Polvogt and S. J. Crowe, 46:579 (Sept.) 1937.
by bone conduction as measured with an audiometer. Edmund P. Fowler and Edmund P. Fowler, Jr., 45:754 (Sept.) 1936.
pathologic changes in the middle ear of patients with, and of patients with a conduction type of deafness. LeRoy M. Polvogt and John E. Bordley, 45:760 (Sept.) 1936.
note on the greater disability for hearing high tones in cases of conduction deafness. A. G. Pohlman, 48:596 (Sept.) 1939.
phenomena, concerning certain. E. P. Fowler, 50:576 (June) 1941.
post-war problem. John C. Howard, Jr., 52:843 (Dec.) 1943.
progress in the conservation of. Horace Newhart, 50:129 (Mar.) 1941.
restoring forces in the mechanics of audition. A. G. Pohlman, 48:148 (Mar.) 1939.
skull resonance. Douglas Macfarlan, 45:768 (Sept.) 1936.
tactile and tremor perception. S. Dworkin, G. A. Hutchison and J. Katzman, 45:840 (Sept.) 1936.
testing of transmission apparatus with bone-conduction receiver. J. N. Hulka, 48:1020 (Dec.) 1939.
tests, some practical considerations with regard to. W. A. Wells, 49:427 (June) 1940.
usable. C. C. Bunch, 49:351 (June) 1940.

Heart-block periodically induced by the swallowing of food in a patient with cardiospasm (vagovagal syncope). Samuel Iglauer and Bernard A. Schwartz, 45:875 (Sept.) 1936.

Heart, cardio-inhibitory and vasomotor reflexes from the nose and throat. A. Sidney Harris, 84:311 (June) 1939.

Heat bougie: new treatment for eustachian tube obstruction. Emanuel Simon, 43:598 (June) 1934.

Hemangioma
- cavernous, of the nasopharynx. Julio Quevedo, 51:785 (Sept.) 1942.
  - of the nose, nasal septum and forehead. Samuel Salinger, 51:268 (Mar.) 1942.
- three unusual cases of. D. F. Weaver, 52:507 (June) 1943.

Hemoptysis
- bronchoscopic aspects of. Mervin C. Myerson, 45:1101 (Dec.) 1936.
- repeated severe, necessitating pneumonectomy. C. F. Pitkin, 50:914 (Sept.) 1941.

Hemorrhage
- adenoid: some considerations. Lyman Richards, 44:117 (Mar.) 1935.
- in lung cancer: fatal case following bronchoscopy. Francis L. Lederer, 44: 157 (Mar.) 1935.
- massive, as an otolaryngological complication. Fred E. Motley, 51:737 (Sept.) 1942.
  - from the carotid artery. Lyman Richards, 50:1221 (Dec.) 1941.
- of the respiratory tract: bronchoscopic problem. Robert E. Parrish, 51:1111 (Dec.) 1942.
- pharyngeal. S. J. Pearlman, 50:908 (Sept.) 1941.
- pulmonary, studied and treated by the bronchoscopist. M. F. Arbuckle, 45: 1114 (Dec.) 1936.
- spontaneous, from the ear. Thomas F. McCormick, 48:525 (June) 1939.
- treatment and control of, role of oxalic acid and certain related dicarboxylic acids in. Arthur Steinberg, H. I. Segal, and H. M. Parris, 49:1008 (Dec.) 1940.

Hereditary hemorrhagic telangiectasia. Frederick A. Figi and Charles H. Watkins, 52:330 (June) 1943; Karl Musser Houser, 43:731 (Sept.) 1934.

Heredity in otosclerosis. Central Bureau of Research of the American Otological Society, 45:171 (Mar.) 1936.

Hernia
- brain: postoperative complication in otology. Colby Hall, 48:291 (June) 1939.
- hiatal. H. J. Moersch, 47:754 (Sept.) 1938.

Herniation, cerebellar, as a cause of death. C. Stewart Nash, 46:673 (Sept.) 1937.

Herniations, congenital anterior, of the brain. G. F. Mood, 47:391 (June) 1938.

Herpes zoster oticus; report of three cases. Frederick T. Hill, 45:666 (Sept.) 1936.
- with facial paralysis and acoustic symptoms. H. C. Rosenberger, 50:271 (Mar.) 1941.
- with report of two cases. Hill Hastings, 44:899 (June) 1935.

Hiatal hernia. H. J. Moersch, 47:754 (Sept.) 1938.

Histopathological changes occurring in chronic infection of the pharynx. H. P. Schenck, 50:817 (Sept.) 1941.

Histopathology
of syphilitic tonsillitis in the secondary stage. Edgar R. Pund and George H. Brawner, 44:984 (Dec.) 1935.
of the middle ear. D. M. Lierle and J. J. Potter, 50:235 (Mar.) 1941.
of the peripheral auditory mechanism in drug-injected animals. W. P. Covell, 47:342 (June) 1938.

Histoplasmosis and its importance to otorhinolaryngologists: review and case report. Morris Moore and L. H. Jorstad, 52:779 (Dec.) 1943.

History
early, of otolaryngology in America, with special reference to the American Laryngological, Rhinological and Otological Society. Thomas J. Harris, 45: 655 (Sept.) 1936.
fifty years of otolaryngology in America. L. W. Dean, 50:5 (Mar.) 1941.
origin of laryngology. D. B. Delavan, 50:629 (Sept.) 1941.
The American Board of Otolaryngology. W. P. Wherry, 50:1106 (Dec.) 1941.
The Annals: 1892-1941. A. W. Proetz, 50:8 (Mar.) 1941.

Hoarseness
chronic: report of three hundred consecutive cases. J. C. Damitz and J. L. Dill, 49:996 (Dec.) 1940.
significance of. Walter Wells, 49:99 (Mar.) 1940.

Hodgkin's disease: perforation of the trachea by a mediastinal tumor. A. E. Hammond, 50:929 (Sept.) 1941.

Hydrocephalus
otitic, underlying factors. H. L. Williams, 47:670 (Sept.) 1938.
with a suggestion as to etiology. Matthew S. Ersner and David Myers, 45:553 (June) 1936.

Hydrogen ion concentration of nasal mucus: note on some changes. Anderson Hilding, 43:47 (Mar.) 1934.

Hygiene, industrial, role of nutrition in. Agnes F. Morgan, 50:1114 (Dec.) 1941.

Hyperacusis. H. B. Perlman, 47:947 (Dec.) 1938.

Hyperparathyroidism, experimental, and otosclerosis. Earl C. Slaughter, 49:130 (Mar.) 1940.

Hyperostosis frontalis interna, report of a case of cerebrospinal rhinorrhea presenting. L. L. Titche, 50:554 (June) 1941.

Hypersensitivity in allergic rhinitis: intramucosal test. L. W. Dean, L. D. Linton, and C. S. Linton, 44:317 (June) 1935.

Hypertension, intracranial, and cerebral edema. Norman Levy, 48:999 (Dec.) 1939.

Hypertrophy, giant follicular, of nasopharynx: report of a case. Frank J. Novak, Jr., 49:526 (June) 1940.

Hypothyroidism
and vasomotor rhinitis. Jonathan Forman, 43:279 (Mar.) 1934.
in the practice of otorhinolaryngology. Ben L. Bryant, 45:1060 (Dec.) 1936.

I

Immunity and adenoids. Henry B. Lemere, 46:498 (June) 1937.

Immunologic viewpoint, otolaryngology from the. F. J. Novak, Jr., 50:1134 (Dec.) 1941.

Immunology in allergy. J. G. Bronfenbrenner, 45:102 (Mar.) 1936.

Implants, nasal, new approach for. Samuel Cohen, 47:1101 (Dec.) 1938.

Industrial hygiene, role of nutrition in. Agnes F. Morgan, 50:1114 (Dec.) 1941.

Infection
- as a cause of fibrosis of the esophagus. H. P. Mosher, 50:633 (Sept.) 1941.
- chronic, of the pharynx, histopathological changes occurring in. H. P. Schenck, 50:817 (Sept.) 1941.
- deep neck. August L. Beck, 48:940 (Dec.) 1939; 51:592 (Sept.) 1942.
- does subepithelial extension occur from the upper respiratory tract to the lower: experiment study. Robert E. Votaw, 48:103 (Mar.) 1939.
- focal: why otolaryngologists frequently fail to remove. Myer Solis-Cohen, 43:586 (June) 1934.
- mycotic, of the bronchopulmonary tract. A. J. Vadala, 49:291 (June) 1940.
- routes of, and the interrelationship of upper and lower respiratory infections. John G. McLaurin, 52:589 (Sept.) 1943.
- study of ten cases of deep infection in the neck. C. W. Pond, 48:1055 (Dec.) 1939.
- systemic, tonsils as foci of. H. Archibald Nissen, 44:187 (Mar.) 1935.
- tympanic, diagnosis and treatment of labyrinthitis secondary to. Philip Mysel, 51:761 (Sept.) 1942.
- upper respiratory, of a fulminating character requiring tracheotomy. C. H. McCaskey, 51:389 (June) 1942.

Infections
- acute, of the frontal sinus, treatment of. E. J. Mulligan and S. J. Crowe, 50: 499 (June) 1941.
- deep neck, in relation to acute thyroiditis. David Higbee, 52:620 (June) 1943.
- in the upper respiratory tract: their clinical relationship to certain types of chronic posterior uveitis. William D. Gill, 46:643 (Sept.) 1937.
- of the masticator space. Colby Hall and Francis Morris, 50:1123 (Dec.) 1941.
- of the middle ear, bacteriological studies of. L. Dell Henry and Hugh A. Kuhn, 49:519 (June) 1940.
- of the upper respiratory mucous membrane, study of nutrition in relation to. Rossleene Arnold Hetler, 46:629 (Sept.) 1937.
- orbital. Charles T. Porter, 51:780 (Sept.) 1942.

Innervation
- of the larynx: analysis of Semon's law. Frederick Lemere, 43:525 (June) 1934.
- of the nasal mucosa, with special reference to its afferent supply. Kermit Christensen, 43:1066 (Dec.) 1934.

Instrument for severing staples and similar objects in the air and food passages. William A. Hudson, 51:1076 (Dec.) 1942.

Intracranial disease during otitis media simulating encephalic abscess: pseudo-abscess of the brain. J. M. Nielsen and C. B. Courville, 43:972 (Dec.) 1934.

Intramucosal tests before and after iontophoresis. L. D. Linton, 45:163 (Mar.) 1936.

Intravascular fluid injections for roentgenographic studies, physiodynamics of. O. Jason Dixon, 44:387 (June) 1935.

Intubation of the esophagus. Harris P. Mosher, 44:847 (Sept.) 1935.

Involuntary nervous system in its relation to otolaryngology. G. F. Harkness, 43: 146 (Mar.) 1934.

Ionization
- effects of, on the mucosa of the frontal sinuses of dogs. Bernard J. McMahon, 43:643 (Sept.) 1934.
- (iontophoresis), fundamentals of allergic rhinitis with particular reference to. L. W. Dean, 45:326 (June) 1936.
- late changes in the mucosa of the frontal sinuses and nose of dogs. B. J. McMahon, 45:151 (Mar.) 1936.
- of the nasal mucous membrane. Harold G. Tobey, 44:94 (Mar.) 1935.

Iontophoresis
- (ionization) in allergic rhinitis. A. M. Alden, 45:128 (Mar.) 1936.
  - intramucosal tests before and after. L. D. Linton, 45:163 (Mar.) 1936.
  - passive transfer relation of the reagin content of the blood. J. H. Alexander, 45:162 (Mar.) 1936.
  - principles of the electric current in. C. C. Bunch, 45:147 (Mar.) 1936.
  - tissue changes in. H. M. Smit, 45:138 (Mar.) 1936.
  - zinc, studies on. W. F. Wenner, 45:131 (Mar.) 1936.
- why I have not used it. Gordon F. Harkness, 46:169 (Mar.) 1937.

Irradiated vaselin, effect in nasal pathology of. Lester T. Jones, 43:172 (Mar.) 1934.

Irradiation
- for recurring papillomas, arrested development of the larynx following. Samuel Salinger, 51:273 (Mar.) 1942.
- of malignant disease of the esophagus, satisfactory method of. N. J. Birkbeck, J. O. Beavis, and H. R. Huston, 45:412 (June) 1936.
- therapy of malignant tumors of the oral cavity, eye, ear, nose and throat. Charles L. Martin, 44:426 (June) 1935.

Irrigation of the tympanic cavity. J. Kent Leasure, 51:253 (Mar.) 1942.

J

Jacobson's organ: its anatomy, gross, microscopic and comparative, with some observations on its function. Samuel J. Pearlman, 43:739 (Sept.) 1934.

K

Kelly operation for restoration of laryngeal function following bilateral paralysis of the vocal cords: report of three cases. Edward S. Wright, 52:346 (June) 1943.

King operation, for bilateral abductor paralysis of the vocal cords. Lindon Seed, 51:66 (Mar.) 1942.

Kodachrome visualization of the physiology and pathology of the tracheobronchial tree. Paul H. Holinger, 51:851 (Sept.) 1942.

L

Labyrinth
examination in vertigo in brain tumors. E. A. Spiegel and A. Alexander, 45: 979 (Dec.) 1936.
fenestration of, in chronic progressive deafness, further experiences in. E. H. Campbell, 50:182 (Mar.) 1941.
fistulization operation for chronic progressive deafness, results in: report of cases. E. H. Campbell, 49:447 (June) 1939.
non-acoustic, some functions of: an experimental study. J. Grant MacKenzie, 52:400 (June) 1943.

Labyrinthine infection, management of. S. L. Shapiro, 45:1045 (Dec.) 1936.
reaction, new: "waltzing test." Caesar Hirsch, 49:232 (Mar.) 1940.

Labyrinthitis
acute, case of. H. C. Ballenger, 50:286 (Mar.) 1941.
and meningitis with recovery, case of. W. E. Grove and G. D. Straus, 50:288 (Mar.) 1941.
secondary to middle ear otitis, pathology and routes of infection. L. W. Dean and Dorothy Wolff, 43:702 (Sept.) 1934.
secondary to otitic infections, differential diagnosis. Samuel J. Kopetzky, 43: 718 (Sept.) 1934.
secondary to tympanic infection, diagnosis and treatment of. Philip Mysel, 51:761 (Sept.) 1942.

Lactic acid stricture of the esophagus. Carlos E. Pitkin, 44:842 (Sept.) 1935.

Larocain as a local anesthetic for nose, throat and endobronchial surgery. Harold L. Stitt, 44:474 (June) 1935.

Laryngeal and esophageal atavism, in man as indicated by the probable phylogenesis of the hypopharyngeal receptacle, concerned in the act of deglutition. Louis Z. Fishman, 44:139 (Mar.) 1935.
and tracheal obstruction, value of roentgenography of the neck in the diagnosis and treatment of. Chevalier L. Jackson, 45:951 (Dec.) 1936.
diphtheria, treatment of: statistical study of 655 cases. John Eschenbrenner, 45:485 (June) 1936.
nerve, right recurrent, unusual position of. W. P. Work, 50:769 (Sept.) 1941.
perplexity. F. L. Lederer, 50:1223 (Dec.) 1941.
stenosis, chronic. Francis LeJeune and Neal Owens, 44:354 (June) 1935.
wood tongue depressor in the trachea thirteen years. Gabriel Tucker, 43: 1124 (Dec.) 1934.
tuberculosis, roentgen therapy of. Clarence W. Engler, 52:655 (Sept.) 1943.
study of 500 cases of pulmonary tuberculosis. J. P. Dworetzky and O. C. Risch, 50:745 (Sept.) 1941.
with some of the more recent advances in treatment. F. R. Spencer, 50: 735 (Sept.) 1941.
tumors: a voice recording before and after operation. Murdock Equen, 50:776 (Sept.) 1941.

Laryngectomy—one stage. W. F. Zinn, 47:453 (June) 1938.

Laryngitis and tracheobronchitis: reference to nondiphtheritic infections. T. R. Gittins, 45:1165 (Dec.) 1936.

Laryngocele. Charles H. Allman and David P. Cordray, 51:585 (Sept.) 1942; W. L. Simpson, 47:1054 (Dec.) 1938.
ventricularis. J. R. Lindsay, 49:661 (Sept.) 1940.

Laryngofissure route of total extirpation of the epiglottis for cancer. Gabriel Tucker, 44:933 (Dec.) 1935.

Laryngology
origin of. D. B. Delavan, 50:629 (Sept.) 1941.
progress in. Leroy A. Schall and John R. Richardson, 46:1009 (Dec.) 1937.

Laryngopharynx, fibrolipoma of. F. W. Davison, 51:853 (Sept.) 1942.

Laryngoptosis. J. E. Muslow, 48:779 (Sept.) 1939.

Laryngotracheobronchitis. G. R. Brighton, 49:1070 (Dec.) 1940.
acute, mediastinal enlargement in. G. W. Grier, 50:941 (Sept.) 1941.
nonsurgical aspects of treatment of. Harry L. Baum, 52:608 (Sept.) 1943.
report of three recovered cases. Maurice G. Evans, 48:216 (Mar.) 1939.
in children, further study of the pathology of. Lyman Richards, 47:326 (June) 1938.

Larynx
abscess of. Stewart Lawwill, 51:492 (June) 1942.
abscess of and its treatment. J. D. Kernan and H. P. Schugt, 43:1009 (Dec.) 1934.
adenocarcinoma of. G. B. New and J. B. Erick, 50:706 (Sept.) 1941.
allergy of: report of two cases. C. S. Chang, 48:783 (Sept.) 1939.
anatomical and clinical study of central lesions producing paralysis of. A. C. Furstenberg, 46:39 (Mar.) 1937.
arrested development of, following irradiation for recurring papillomas. Samuel Salinger, 51:273 (Mar.) 1942.
artificial, with patient demonstrating its use. Samuel Iglauer, 45:1176 (Dec.) 1936.
bilateral paralysis of the laryngeal abductors, of influenzal origin. J. N. Roy, 45:282 (Mar.) 1936.
blastomycosis of. Louis H. Clerf and Carl J. Bucher, 45:923 (Dec.) 1936.
cancer of. F. E. Lejeune and P. J. Bayon, 51:460 (June) 1942.
carcinoma of. L. B. Bernheimer, 49:418 (June) 1940.
carcinoma of, and total laryngectomy. S. J. Crowe and E. N. Broyles, 47:875 (Dec.) 1938.
carcinosarcoma of. Ira Frank and Maurice Lev, 49:113 (Mar.) 1940.
chondroma of. H. B. Orton, 50:715 (Sept.) 1941.
chondroma of: case report. Harrington B. Graham, 43:299 (Mar.) 1934.
chronic stenosis of, with special consideration of skin grafting. F. A. Figi, 49:394 (June) 1940.
diagnosis and treatment of cancer of. Edward S. Wright, 51:228 (Mar.) 1942.
electrocautery in treatment of tuberculosis of. W. E. Vandevere, 43:572 (June) 1934.
fibromyoma of, in an 82-year-old male. M. F. Arbuckle, 50:912 (Sept.) 1941.
indications for direct laryngoscopy. Chevalier L. Jackson, 48:926 (Dec.) 1939.

Larynx
innervation of: analysis of Semon's law. Frederick Lemere, 43:525 (June) 1934.
knife for the treatment of web stenosis of. Gabriel Tucker, 43:1130 (Dec.) 1934.
lymphosarcoma of: report of a case. George O. Cummings, 45:578 (June) 1936.
management of cicatrical stenosis of. John H. Foster, 48:643 (Sept.) 1939.
modern concepts of tuberculosis of. J. P. Dworetzky, 47:481 (June) 1938.
multiple papilloma of, and trachea and left bronchus in a child. Ellen J. Patterson, 48:1080 (Dec.) 1939.
myoblastoma of. Samuel Iglauer, 51:1089 (Dec.) 1942.
neurofibroma of. Emily L. Van Loon and Sidney Diamond, 51:122 (Mar.) 1942.
ossification of the cartilages of. H. Marshall Taylor, 45:1087 (Dec.) 1936.
ossification of the cartilages of, and its relationship to some types of laryngeal disease. H. M. Taylor, 44:611 (Sept.) 1935.
paralysis of. L. H. Clerf and O. W. Suehs, 50:762 (Sept.) 1941.
paralysis of: suggested explanation of the so-called continued median position of the vocal cords in bilateral paralysis; consideration of Semon's law. Charles J. Imperatori, 44:730 (Sept.) 1935.
pathologic anatomy of polyps of. S. A. Friedberg and W. H. Segall, 50:783 (Sept.) 1941.
pharynx and buccal mucosa, epidermoid carcinoma of. Dean M. Lierle, 48:875 (Dec.) 1939.
polypoid granuloma of, following endotracheal anesthesia. William A. Smiley, 49:556 (June) 1940.
retention cyst of. Murdock Equen, 46:757 (Sept.) 1937.
selection of treatment for cancer of. H. E. Martin, 49:728 (Sept.) 1940.
severe injury to, resulting from indwelling duodenal tube. Samuel Iglauer and William Molt, 48:886 (Dec.) 1939.
significance of, as an index in the treatment of pulmonary tuberculosis. Charles Rubenstein, 43:1114 (Dec.) 1934.
some phases of tuberculosis of. Mervin C. Myerson, 48:707 (Sept.) 1939.
supplementary report on extralaryngeal artytenoidectomy as a relief for bilateral abductor muscular paralysis of. Joseph D. Kelly, 52:628 (Sept.) 1943.
supraglottic edema: characteristic respiratory sounds as an aid in diagnosis. A. Harry Neffson, 46:1065 (Dec.) 1937.
treatment of cancer of, with emphasis on conservatism. F. A. Figi, 50:723 (Sept.) 1941.
treatment of chronic stenosis with special reference to skin grafting. V. E. Negus, 47:891 (Dec.) 1938.
treatment of papillomas of. John H. Foster, 46:786 (Sept.) 1937.
x-ray treatment of diseases of. Maurice Lenz, 52:85 (Mar.) 1943.

Lateral sinus, accidental injury to, with report of two cases. Edwin C. Bach, 48:790 (Sept.) 1939.
anomaly of: report of a case. Gordon D. Hoople, 45:1019 (Dec.) 1936.
intranasal complications of otogenous thrombosis of. J. M. Nielsen and Cyril B. Courville, 46:13 (Mar.) 1937.
thrombosis, with a review of the literature. G. M. Coates, M. S. Ersner and A. H. Persky, 43:419 (June) 1934.

Lavage, bronchial, in nontuberculous infections. Howard L. Stitt, 52:477 (June) 1943.

Leonardo da Vinci, contribution of, to laryngology, rhinology and phonetics. C. J. Imperatori, 50:979 (Dec.) 1941.

Lesions
acute intracranial, simulating tuberculous meningitis. O. Jason Dixon, 52:681 (Sept.) 1943.
bronchoscopic diagnostic sign for, of the pleural cavity. M. C. Myerson, 51:1122 (Dec.) 1942.
bilateral jugular, following bilateral suppurative mastoiditis. Maurice G. Evans, 51:615 (Sept.) 1942.
with recovery. J. M. Brown, 50:280 (Mar.) 1941.

Lingual thyroid. F. J. Bishop, 43:294 (Mar.) 1934.

Lipoma, retropharyngeal. F. J. Putney and K. E. Fry, 49:967 (Dec.) 1940.

Lobectomy, observations on paranasal sinusitis among patients subjected to, for bronchiectasis. Kinsey M. Simonton, 52:598 (Sept.) 1943.

Logopedists' new sound count. Charles H. Voelker, 44:260 (Mar.) 1935.

Lung abscess: bronchoscopic considerations. Sobisca S. Hall and Harry V. Thomas, 46:790 (Sept.) 1937.
bronchoscopic treatment of: report of 43 cases. M. F. Arbuckle, 49:821 (Sept.) 1940.
atelectasis, developmental mechanism of. Evan G. Galbraith and Bernhard Steinberg, 46:800 (Sept.) 1937.
cancer hemorrhage: fatal case following bronchoscopy. Francis L. Lederer, 44: 157 (Mar.) 1935.
clinical diagnosis of primary cancer of. Millard F. Arbuckle, 43:1174 (Dec.) 1934.

Lye ingestion, treatment of, by the Salzer method. S. S. Gellis and L. E. Holt, Jr., 51:1086 (Dec.) 1942.
legislation: preliminary survey of its effect on the incidence of esophageal stricture. H. Marshall Taylor, 44:1157 (Dec.) 1935.

Lymph glands of the neck; differential diagnosis of enlargement. R. F. Farquharson, 44:662 (Sept.) 1935.

Lymphatic drainage of head and neck: emphasizing special structures. W. W. Looney, 44:33 (Mar.) 1935.

Lymphatics, pharyngeal, as focus of infection. L. E. Brown, 45:447 (June) 1936.

Lymphogranulomatosis and its significance in diagnosis of diseases of Waldeyer's ring. I. M. Sobol, 43:851 (Sept.) 1934.

Lymphosarcoma of the larynx: report of a case. George O. Cummings, 45:578 (June) 1936.

Lysozyme, presence and action of, in the nasal mucosa. Carl E. Cahn-Bronner, 51:250 (Mar.) 1942.

M

Magnesium salts, treatment of Ménière's syndrome with. Alfred Schick, 52:45 (Mar.) 1943.

Malignancies
of the accessory sinuses: some annoyances in their management. Ralph A. Fenton, 43:39 (Mar.) 1934.
of the nose and throat. R. C. Martin, 47:512 (June) 1938.
of the sinuses, management. C. Stewart Nash, 44:220 (Mar.) 1935.

Malignancy
about the head: selective treatment. Thomas C. Galloway, 44:450 (June) 1935.
of the nasal accessory sinuses, with a report of two cases of primary carcinoma of the frontal sinuses. Earle G. Breeding, 49:141 (Mar.) 1940.
of the sinuses and nasopharynx, in the small hospital. Frederick T. Hill, 46: 158 (Mar.) 1937.

Malignant disease of the esophagus, satisfactory method for the irradiation of. N. J. Birkbeck, J. O. Beavis and H. R. Huston, 45:412 (June) 1936.

Malingerers, method to determine the percentage of deafness in. F. W. Dixon, 44: 483 (June) 1935.

Mandibular joint dysfunction, mechanism of trismus and its occurrence in. James B. Costen, 48:499 (June) 1939.

Masker for bone conduction tests. J. H. Hulka, 47:153 (Mar.) 1938.

Masticator space, infections of. Colby Hall and Francis Morris, 50:1123 (Dec.) 1941.

Mastoid
and middle ear, carcinoma of. Lewis T. Buckman, 52:194 (Mar.) 1943.
bilateral xanthomatosis (lipoidosis) of. V. V. Wood, 46:991 (Dec.) 1937.
carcinoma of. R. J. Bowman, 49:225 (Mar.) 1940.
care of mastoid wounds following complete mastoid operation, sinus thrombosis and operations on the petrous pyramid. Marvin F. Jones, 48:579 (Sept.) 1939.
following operations on abscess of the brain. Harold G. Tobey, 48:590 (Sept.) 1939.
following radical and modified radical mastoid operations. J. Morrisset Smith, 48:585 (Sept.) 1939.
cells, roentgen findings in acute infection of. A. S. Macmillan, 51:718 (Sept.) 1942.
disease, x-ray treatment of infections: review of the literature and report of cases of mastoiditis and sinusitis. B. R. Dysart, 48:433 (June) 1939.
infection and nutritional disturbances in infants: report of three cases. Taylor S. Burgess, 43:606 (June) 1934.
operation, brain hernia: a postoperative complication in otology. Colby Hall, 48:291 (June) 1939.
indications for the Bondy modified radical type. H. I. Lillie, 44:337 (June) 1935.
radical, twitching of facial muscles following. M. Tamari, 52:675 (Sept.) 1943.
with removal of foreign body from eustachian tube. Hill Hastings, 46:248 (Mar.) 1937.
polyostotic fibrous dystrophy of, complicated by acute mastoiditis. J. M. Robb, 50:330 (June) 1941.
primary cholesteatoma of. L. B. Bernheimer, 46:453 (June) 1937.

Mastoid
prevention of postauricular fistula by periosteal and subcutaneous tissue flaps. W. A. McNichols, 45:475 (June) 1936.
propagations of inflammatory process between petrous bone and endocranium of "frustrated" form. George Kelemen, 48:375 (June) 1939.
wounds, sulfanilamide implantation in. Raymond H. Marcotte, 52:126 (Mar.) 1943.

Mastoidectomy
endaural radical, new plastic flap for use in. George E. Shambaugh, Jr., 51:117 (Mar.) 1942.
new incision and wound closure. O. Jason Dixon, 45:75 (Mar.) 1936.
wounds, sulfathiazole in: report of 84 cases. Wilber D. Currier, 51:955 (Dec.) 1942.

Mastoiditis
acute: 1931-1941. Lawrence R. Boies, 51:601 (Sept.) 1942.
actinomyces. J. A. Haiman and M. H. Adelman, 48:195 (Mar.) 1939.
observations in three hundred cases. George C. Kreutz and Gordon L. Witter, 46:1060 (Dec.) 1937.
and meningitis due to pneumococcus type I. L. A. Schall, 50:282 (Mar.) 1941.
and otitis media complicated by abducens paralysis. W. H. Johnston, 43:94 (Mar.) 1934.
bilateral jugular ligation following bilateral suppurative. Maurice G. Evans, 51:615 (Sept.) 1942.
bilateral, scarlet fever, with intervening pneumonia and cerebellar abscess with recovery. Robert B. Lewy, 51:264 (Mar.) 1942.
caused by Friedlander's bacillus. H. J. Profant, 47:379 (June) 1938.
diagnostic significance of partial paralysis of the facial nerve in chronic suppurative otitis media and. Harold I. Lillie, 50:38 (Mar.) 1941.
hemolytic streptococcic: comparative study of one hundred cases in contagion and in noncontagion. Voss Harrell, 46:194 (Mar.) 1937.
in congenitally deformed ears. A. T. Wanamaker, 48:140 (Mar.) 1939.
roentgenogram as an aid in the diagnosis of. D. H. Brownell and I. J. Hauser, 47:240 (Mar.) 1938.
sulfonamide therapy for acute otitis media and. H. L. Williams, A. E. Brown, W. E. Herrell and R. D. Ralph, 50:336 (June) 1941.
two cases following the use of very hot solutions in the ear. William G. Kennon, 45:863 (Sept.) 1936.

Maxilla
nontumorous cysts of. Raymond S. Rosedale and Sheldon W. Koepf, 46:652 (Sept.) 1937.
superior, chondroma and fibroma of. D. H. Brownell, 49:765 (Sept.) 1940.

Maxillary antrum, dentigerous cyst of. D. F. Weaver, 52:516 (June) 1943.
ostium, clinical availability of: clinical and cadaver study. H. C. Rosenberger, 47:176 (Mar.) 1938.
sinus, air pressures in the nose and, under normal conditions and in disease. Delbert K. Judd, 51:689 (Sept.) 1942.
ameloblastoma of. M. Gerard Golden, 51:378 (June) 1942.
discharge from chronic frontal sinusitis draining directly into. H. I. Lillie, 50:572 (June) 1941.

Maxillary antrum
irrigation of, through natural ostium. Forrest Merica, 48:1011 (Dec.) 1939.
mucosa: clinical study of its functioning. Edward King, 44:480 (June) 1935.
osteoma of. Robert E. Priest and Lawrence R. Boies, 51:79 (Mar.) 1942; A. G. Rawlins, 47:735 (Sept.) 1938.

Measles complicated by acute suppurative otitis media: report of 427 patients. Horace J. Williams, 44:956 (Dec.) 1935.

Meatus, middle, lavage of the antrum with a blunt instrument through. W. C. Bowers, 49:1036 (Dec.) 1940.

Mechanisms of defense of the upper respiratory tract. Ralph A. Fenton and Olof Larsell, 46:303 (June) 1937.

Mediastinal abscess with spirochetal infection: report of a case. Ethan Flagg Butler, 43:878 (Sept.) 1934.
enlargement in acute laryngotracheobronchitis. G. W. Grier, 50:941 (Sept.) 1941.
infections: their significance to the otorhinolaryngologist. Alton Ochsner and Michael DeBakey, 48:747 (Sept.) 1939.
tumor, perforation of the trachea by. A. E. Hammond, 50:929 (Sept.) 1941.

Mediastinitis
following minute perforation of the cervical esophagus; external operation; recovery: case report. Clyde A. Heatly, 43:873 (Sept.) 1934.
two cases of, following esophageal foreign bodies. L. C. McHenry, 51:1083 (Dec.) 1942.

Mediastinum
new surgical approach through the pyriform sinus. Sam E. Roberts, 44:493 (June) 1935.
periesophageal abscesses, importance of early surgical interference. Westley M. Hunt, 48:128 (Mar.) 1939.
roentgenology of the neck and. Samuel Iglauer, 50:790 (Sept.) 1941.

Melanoma of bronchus: metastasis simulating bronchogenic neoplasm. Louis H. Clerf, 43:887 (Sept.) 1934.

Ménière's disease. Charles I. Johnson, 51:676 (Sept.) 1942.
as an indicator of disturbances in the water metabolism, capillary function, and body condition. S. H. Mygind and Dida Dederding, 47:55 (Mar.) 1938.
diagnosis and treatment. S. H. Mygind and Dida Dederding, 47:768 (Sept.) 1938.
pathogenesis of. S. H. Mygind and Dida Dederding, 47:938 (Dec.) 1938.
symptom complex: endolymph decompression with symtomatic improvement: report of a case. Sidney N. Parkinson, 44:382 (June) 1935.
histological findings in. Franz Altmann and Edmund P. Fowler, Jr., 52:52 (Mar.) 1943.
medical treatment. A. C. Furstenberg, F. H. Lashmet and F. Lathrop, 43:1035 (Dec.) 1934.
review of the literature. Kinsey M. Simonton, 49:80 (Mar.) 1940.
syndrome, evaluation of. W. E. Grove, 50:55 (Mar.) 1941.
treatment of, with magnesium salts. Alfred Schick, 52:45 (Mar.) 1943.

Meninges, case of carcinomatosis of. Hans Brunner, 50:910 (Sept.) 1941.

Meningitis
actinomycotic, and brain abscess with actinomycosis of the sphenoid. Rudolph Kramer and Max L. Som, 44:973 (Dec.) 1935.
and mastoiditis due to pneumococcus type I. L. A. Schall, 50:282 (Mar.) 1941.
and petrositis with recovery. Marvin F. Jones, 52:181 (Mar.) 1943.
bacteriology of, following otitis media and related infections. Anna W. Williams, 43:667 (Sept.) 1934.
bacteroides: report of a case with recovery. John J. Ballenger, LeRoy A. Schall and William E. Smith, 52:895 (Dec.) 1943.
case of labyrinthitis and, with recovery. W. E. Grove and G. D. Straus, 50: 288 (Mar.) 1941.
circumscribed. case of. H. C. Ballenger, 50:286 (Mar.) 1941.
epidemic cerebrospinal, pathology of the inner ear in a case of deafness from. E. W. Hagens, 49:168 (Mar.) 1940.
otitic. Guerdan Hardy, 51:1062 (Dec.) 1942.
notes on the diagnosis. Samuel J. Kopetzky, 43:401 (June) 1934.
otogenic, management and treatment of. S. J. Kopetzky, 47:117 (Mar.) 1938.
use of prontosil and sulfanilamide in the treatment of. Robert B. Lewy, 46:1096 (Dec.) 1937.
present status of treatment. J. G. Dwyer, 43:689 (Sept.) 1934.
secondary to ear and sinus infections, forced drainage for the treatment of. Lawrence S. Kubie, 43:692 (Sept.) 1934.
secondary to otitic or sinus infection: comprehensive study. J. B. Neal, H. W. Jackson, E. Appelbaum, 43:658 (Sept.) 1934.
staphylococcus, treated with sulfathiazole. John F. Tolan, 52:207 (Mar.) 1943.
streptococcus, with streptococcemia, recovery. Alfred Lewy, 47:839 (Sept.) 1938.
suppurative, pathways of infection. Andrew A. Eggston, 43:672 (Sept.) 1934.
treatment of bacteria, of rhinogenic origin. Rudolph Kramer and Max L. Som, 51:499 (June) 1942.
tuberculous, acute intracranial lesions simulating. O. Jason Dixon, 52:681 (Sept.) 1943.
uremia, and death. Marvin F. Jones, 52:187 (Mar.) 1943.

Metabolic disorders, head and neck manifestations in. Harry L. Pollock, 43:553 (June) 1934.

Metabolism in otosclerosis. Central Bureau of Research of the American Otological Society, 45:228 (Mar.) 1936.

Microtia with meatal atresia, with description of an operation for its correction: report of two cases. J. R. Hume, and Neal Owens, 44:213 (Mar.) 1935.

Middle ear and mastoid, carcinoma of the. Lewis T. Buckman, 52:194 (Mar.) 1943.
changes in patients with normal hearing and with a conduction type of deafness. LeRoy M. Polvogt and John E. Bordley, 45:760 (Sept.) 1936.

Mortality records over a ten-year period, study of. F. T. Hill, 49:628 (Sept.) 1940.

Mouth, pemphigus localized in. E. I. Matis, 49:991 (Dec.) 1940.

Mucin, nasal. Catherine C. Buhrmester, 45:687 (Sept.) 1936.

Mucocele, hemorrhagic cysts of the frontal sinus which simulated. H. I. Lillie and P. N. Pastore, 50:544 (June) 1941.

Mucosa
nasal, innervation of, with special reference to its afferent supply. Kermit Christensen, 43:1066 (Dec.) 1934.
presence and action of lysozyme in. Carl E. Cahn-Bronner, 51:250 (Mar.) 1942.

Mucus, nasal, note on some changes in the hydrogen ion concentration of. Anderson Hilding, 43:47 (Mar.) 1934.

Muscle
tensor tympani, and its relation to sound conduction. Ernest Glen Wever and Charles W. Bray, 46:947 (Dec.) 1937.
viable, application of in vascular injuries. O. Jason Dixon, 43:1055 (Dec.) 1934.

Muscles
facial, twitching of, following radical operation of the mastoid. M. Tamari, 52:675 (Sept.) 1943.
hypertonic, of the neck as a cause of headache. William Mithoefer, 43:67 (Mar.) 1934.

Mycosis, torula, in man with special reference to involvement of the upper respiratory tract, with case reports. William D. Gill, 44:702 (Sept.) 1935.

Mycotic infections found in the trachea and bronchi. Edward A. Looper, 45:1153 (Dec.) 1936.

Myiasis, nasal. William B. Barry, 52:486 (June) 1943.

Myoblastoma
of the bronchus. Rudolph Kramer, 48:1083 (Dec.) 1939.
of the larynx. Samuel Iglauer, 51:1089 (Dec.) 1942.

Myringitis bullosa hemorrhagica, etiology of: preliminary report. Ben H. Senturia and S. Edward Sulkin, 51:476 (June) 1942.

N

Narrowing the nose, improved method of. Albert P. Seltzer, 52:460 (June) 1943.

Nasal atresias: surgical critique. Albert A. Cinelli, 49:912 (Dec.) 1940.
balloon pack, Steven's rubber, modification of. W. A. Ford, 49:965 (Dec.) 1940.
contact test for allergy, further modifications of. W. T. Vaughan and V. J. Derbes, 50:1141 (Dec.) 1941.
mucosa, method of study of, in relation to the tubercle bacillus. Stephen A. Schuster, 46:124 (Mar.) 1937.
tertiary syphilitic infiltrative lesions of. Irving M. Lupton, 44:199 (Mar.) 1935.
tissue study of the effect of phenol in hyperesthetic rhinitis. Arthur Palmer, 44:25 (Mar.) 1935.
mucous membrane, experiences in ionization of. Harold G. Tobey, 44:94 (Mar.) 1935.
myiasis. William B. Barry, 52:486 (June) 1943.
obstruction caused by collapse of the nasal alae. Harold I. Lillie, 48:600 (Sept.) 1939.
teeth: report of a case. L. R. Marshall, 48:775 (Sept.) 1939.
ventilation, surgical establishment of. S. N. Parkinson, 49:1023 (Dec.) 1940.

Nasopharynx
anatomical study of, as a pathway to the infracarotid portion of the petrous pyramid. B. Russell Burke, 49:924 (Dec.) 1940.
and nose, plasma cell tumors of. Louis Blumenfeld, 45:436 (June) 1936.
and paranasal sinuses, malignant tumors of. N. S. Weinberger, 48:203 (Mar.) 1939.
and sinuses, malignant disease of, in the small hospital. Frederick T. Hill, 46:158 (Mar.) 1937.
cancer of. Charles L. Martin, 52:146 (Mar.) 1943.
cavernous hemangioma of. Julio Quevedo, 51:785 (Sept.) 1942.
epidermoid carcinoma of. William D. Stinson, 49:536 (June) 1940.
fibromas of. Max L. Som, 49:211 (Mar.) 1940 .
giant follicular hypertrophy of. Frank J. Novak, Jr., 49:526 (June) 1940.
malignant carcinoma of. F. A. Figi, 50:1218 (Dec.) 1941.
stenosis of. John H. Childrey, 46:1118 (Dec.) 1937.
stenosis of: pharyngeal reconstruction. Gerald Brown O'Connor, 46:376 (June) 1937.

Nasorespiratory area in childhood, growth and development of. Harry C. Rosenberger, 43:495 (June) 1934.

Neck
and head: lymphatic drainage—emphasizing special structures. W. W. Looney, 44:33 (Mar.) 1935.
and mediastinum, roentgenology of. Samuel Iglauer, 50:790 (Sept.) 1941.
deep infection of. H. B. Orton, 48:48 (Mar.) 1939.
deep infections of, in relation to acute thyroiditis. David Higbee, 52:620 (Sept.) 1943.
infection, deep. August L. Beck, 48:940 (Dec.) 1939; 51:592 (Sept.) 1942.
penetrating wound of, with unusual complications and sequelae. Henry Boylan Orton, 51:1050 (Dec.) 1942.
value of roentgenography of, with special reference to its use in the diagnosis and treatment of laryngeal and tracheal obstruction. Chevalier L. Jackson, 45:951 (Dec.) 1936.

Nerve
cochlear, significance of myelin sheath degeneration for. W. P. Covell and L. Noble, 46:895 (Dec.) 1937.
fibers of spinal and vagus origin associated with the cephalic sympathetic nerves. Albert Kuntz, 43:50 (Mar.) 1934.
grafts, autoplastic, in facial palsy. John H. Foster, 44:521 (June) 1935.
mechanism: cortical, central and nerve lesions in otosclerosis. Central Bureau of Research of the American Otological Society, 45:219 (Mar.) 1936.
olfactory, development of the, the nervus terminalis, and the vomeronasal nerve in man. Anthony A. Pearson, 51:317 (June) 1942.
pathways involved in pains of nasal and paranasal origin referred to the lower cervical and upper thoracic segments and the upper extremity. Albert Kuntz, 45:394 (June) 1936.
right recurrent laryngeal, unusual position of. W. P. Work, 50:769 (Sept.) 1941.
surgery of the great superficial petrosal; its possible relation to some of the pathology of the nasal and paranasal mucous membranes. Edward F. Ziegelmann, 43:1090 (Dec.) 1934.
tumors, acoustic. Claude T. Uren and B. Carl Russum, 44:442 (June) 1935.

Nerves
autonomic nervous system: some fundamentals for otolaryngologists. David R. Higbee, 45:385 (June) 1936.
cranial, unilateral involvement of the, with report of one case: syndrome of Garcin. Leo A. Spiegel, 52:706 (Sept.) 1943.
fifth, ninth and tenth, in bronchial asthma. Kenneth Phillips, 45:373 (June) 1936.

Nervous system, autonomic, functional pattern of. David Higbee, 50:1047 (Dec.) 1941.
involuntary, in its relation to otolaryngology. G. F. Harkness, 43:146 (Mar.) 1934.

Neuralgia
so-called atypical trigeminal, sphenoid sinus and sphenopalatine ganglion as factors in. H. W. Lyman, 44:653 (June) 1935.
trifacial. J. C. Beck, 50:904 (Sept.) 1941; John H. Childrey, 46:208 (Mar.) 1937.

Neuralgias, facial: their etiology and treatment. Mark A. Glaser, 48:324 (June) 1939.

Neuritis, retrobulbar: present status of sinus infection as an etiologic factor. James A. Fisher, 44:274 (Mar.) 1935.

Neurofibroma of the larynx. Emily L. Van Loon and Sidney Diamond, 51:122 (Mar.) 1942.

Neurology, nasal, some observations on. Ralph A. Fenton, 50:492 (June) 1941.

Neuroses, esophageal. H. G. Beatty and D. M. Palmer, 50:1245 (Dec.) 1941.

Nicotinic acid and the eighth nerve: preliminary report. Grant Selfridge, 48:39 (Mar.) 1939.
and thiamin chloride, eighth nerve in relation to: comparative study. Grant Selfridge, 48:419 (June) 1939.

Nomenclature, revised, of chronic progressive deafness. Thomas J. Harris, 43:256 (Mar.) 1934.

Non-acoustic labyrinth, some functions of: experimental study. J. Grant MacKenzie, 52:400 (June) 1943.

Nose
advantages of mixed bone and cartilage grafts in correction of saddle nose and other depressed deformities of the dorsum. Lee Cohen, 49:410 (June) 1940.
and accessory sinuses, conservative treatment of. W. E. Grove, 43:988 (Dec.) 1934.
osteoma of. W. L. Simpson and R. I. Williams, 49:949 (Dec.) 1940.
and maxillary sinus, air pressures in the, under normal conditions and in disease. Delbert K. Judd, 51:689 (Sept.) 1942.
and pharynx, non-surgical treatment of diseases of. Gordon D. Hoople, 48:73 (Mar.) 1939.
and sinuses, management of recent fractures of. F. D. Woodward, 44:264 (Mar.) 1935.
and throat, cardio-inhibitory and vasomotor reflexes from. A. Sidney Harris, 48:311 (June) 1939.
architecture of the blood vascular networks in the erectile and secretory lining. P. F. Swindle, 44:913 (Dec.) 1935.

Nose
blood vessels which serve as arteries in some mammals and veins in some others. P. F. Swindle, 46:600 (Sept.) 1937.
broader concept of functional diseases of. C. Stewart Nash, 50:458 (June) 1941.
carcinomatosis of the nasal mucous membrane (fatal hemorrhage after puncture of maxillary sinus). Hans Brunner and John W. Wall, 49:688 (Sept.) 1940.
cavernous hemangioma of, nasal septum and forehead. Samuel Salinger, 51: 268 (Mar.) 1942.
chronic granulomatous ulcer of, of unknown cause. D. Isbell, 52:501 (June) 1943.
corrective surgery of the nasal tip. John M. Converse, 49:895 (Dec.) 1940.
deficiency reaction in. E. R. Hargett, 47:917 (Dec.) 1938.
dermoid cysts of. Edgar M. Holmes, 51:662 (Sept.) 1942.
does subepithelial extension of infection occur from the upper respiratory tract to the lower: experimental study. Robert E. Votaw, 48:103 (Mar.) 1939.
ear and throat conditions, ultra short wave currents in the treatment of. Alexander F. Laszlo, 46:174 (Mar.) 1937.
extensive intranasal destruction: pathological specimen. John H. Venable, 49:761 (Sept.) 1940.
external, as a seat and source of trouble. Walter A. Wells, 44:130 (Mar.) 1935.
foreign bodies in: report of a case having lodgment for seven years. Clarence W. Trexler, 43:620 (June) 1934.
improved method of narrowing. Albert P. Seltzer, 52:460 (June) 1943.
new approach for implants. Samuel Cohen, 47:1101 (Dec.) 1938.
partial saddle: simplified technique without the use of implant or transplant. W. M. Wolfe, 49:700 (Sept.) 1940.
physiology and pharmacology of, experimental and clinical observations regarding. D. E. Jackson, 51:973 (Dec.) 1942.
primary actinomycosis with extension to pharynx, hard and soft palate, and cervical vertebrae, with report of a case. Rea E. Ashley, 43:248 (Mar.) 1934.
reconstruction surgery of. G. W. Pierce and G. B. O'Connor, 47:437 (June) 1938.
saddle, etiology of. Michael M. Wolfe, 46:504 (June) 1937.
significance of, in allergic states. Ralph J. Frackelton, 51:626 (Sept.) 1942.
sinus abnormalities in congenital total and hemi-absence of. Vilray P. Blair, James B. Brown and Louis T. Byars, 46:592 (Sept.) 1937.
spontaneous amputation of, due to diabetic gangrene. Thomas B. Wood, 46: 1112 (Dec.) 1937.
tip of, completely sectioned, and sutured three hours after accident: cure. J. N. Roy, 44:893 (Sept.) 1935.
throat and ear, dermatologic conditions of. Frederick A. Figi, 48:81 (Mar.) 1939.
use of free metallic silver in. Lyle S. Powell, 44:734 (Sept.) 1935.
use of human convalescent scarlet fever serum in streptococcic infections involving the ear, nose and throat. Pierre Viole, 49:639 (Sept.) 1940.
vestibule, congenital fibro-epithelial cyst of: review of theories of pathogenesis. J. Allen Weiss, 44:993 (Dec.) 1935.

Nucleic acid treatment of subacute and chronic sinusitis. Alexander C. Howe, 51: 220 (Mar.) 1942.

Nupercaine, toxic reaction to. Leon L. Titche and William H. Crays, 52:202 (Mar.) 1943.

Nutrition
and the ear, survey of the relation between. Grant Selfridge, 49:674 (Sept.) 1940.
eighth nerve high tone deafness from a nutritional standpoint. Grant Selfridge, 48:608 (Sept.) 1939.
in chronic progressive deafness. Grant Selfridge, 46:875 (Dec.) 1937.
in eighth nerve high tone deafness. Grant Selfridge, 46:93 (Mar.) 1937.
in relation to infections of the upper respiratory mucous membranes. Rossleene Arnold Hetler, 46:629 (Sept.) 1937.
role of, in industrial hygiene. Agnes Fay Morgan, 50:1114 (Dec.) 1941.

Nutritional deficiencies in otolaryngology. Sam. E. Roberts, 51:358 (June) 1942.
disturbances and mastoid infection in infants: report of three cases. Taylor S. Burgess, 43:606 (June) 1934.

O

OBITUARIES: Ballance, Sir Charles, 45:1186 (Dec.) 1936; Bárány, Robert, 45: 592 (June) 1936; Barnhill, John F., 52:276 (Mar.) 1943; Beck, Joseph Clar, 51:1174 (Dec.) 1942; Birkett, Herbert Stanley, 51:874 (Dec.) 1942; Bryan, Joseph Hammond, 44:591 (June) 1935; Bunch, Cordia Clark, 51:872 (Dec.) 1942; Carmack, John Walter, 43:1218 (Dec.) 1934; Chamberlin, William B., 48:1130 (Dec.) 1939; Clark, Joseph Payson, 49:1127 (Dec.) 1940; Coakley, Cornelius Godfrey, 43:1212 (Dec.) 1934; Delavan, David Bryson, 51:572 (June) 1942; Dench, Edward Bradford, 45:587 (June) 1936; Duel, Arthur B., 45:596 (June) 1936; Faulkner, E. Ross, 48:562 (June) 1939; Fraser, J. S., 45:903 (Sept.) 1936; Goldstein, Max A., 50:961 (Sept.) 1941; Greene, D. Crosby, Jr., 50:579 (June) 1941; Hajek, Markus, 50:581 (June) 1941; Hayden, Austin Albert, 49:1129 (Dec.) 1940; McKenzie, Dan, 45:288 (Mar.) 1936; Mueller, Vincenz, 51:575 (June) 1942; Mullen, William V., 44:595 (June) 1935; Neumann, Heinrich V., 49:285 (Mar.) 1940; Phillips, Wendell, Christopher, 43: 1215 (Dec.) 1934; Smith, Harmon, 44:289 (Mar.) 1935; Sonnenschein, Robert, 48:1137 (Dec.) 1939; Swain, Henry Lawrence, 49:281 (Mar.) 1940; Thomson, Sir St. Clair, 52:272 (Mar.) 1943; Tilley, Herbert, 50:302 (Mar.) 1941; Turner, Arthur Logan, 48:1143 (Dec.) 1939; Vail, Harris Holmes, 48:559 (June) 1939; Voislawsky, Antonie P., 48:283 (Mar.) 1939; Watson-Williams, Patrick, 48:284 (Mar.) 1939; Wherry, William P. 51:866 (Sept.) 1942.

Obstruction, intranasal, removed and external deformities corrected advantageously at same operation. Lee Cohen, 44:233 (Mar.) 1935.

Ocular fundus changes in otitic sinus thrombosis, analysis of. Isidore Friesner, 50: 32 (Mar.) 1941.

Oils and other intranasal medication. T. E. Walsh and P. R. Cannon, 47:579 (Sept.) 1938.

Olfactory system: its relationship to the gustatory system. Leon Felderman, 44: 685 (Sept.) 1935.

Operations: story of Warren Bell. Francis L. LeJeune, 50:905 (Sept.) 1941.

Operative windows, effects of, on normal sinuses. A. C. Hilding, 50:379 (June) 1941.

Optic nerve complications of accessory nasal sinus disease. Israel Strauss and William Needles, 47:989 (Dec.) 1938.

Orbital cellulitis, primary, bilateral, serous. Abraham Fine, 47:370 (June) 1938.

Organ
of Corti, degeneration and absorption of, in animals. M. H. Lurie, 51:712 (Sept.) 1942.
how does it distinguish pitch? M. H. Lurie, 45:339 (June) 1936.

Ossification
center of, of the sternum, mistaken for a foreign body in the esophagus. E. M. Seydell, 49:1061 (Dec.) 1940.
delayed, of the temporal bone. Hans Brunner and H. James Hara, 52:444 (June) 1943.
of the cartilages of the larynx. H. Marshall Taylor, 45:1087 (Dec.) 1936.
of the cartilages of the larynx and its relationship to some types of laryngeal disease. H. M. Taylor, 44:611 (Sept.) 1935.

Osteochondroma of the cervical spine causing dysphagia. Samuel Iglauer, 47:799 (Sept.) 1938.

Osteoma
of the frontal sinus. G. M. Coates and Frederick Krauss, 50:450 (June) 1941.
of the maxillary sinus. Robert E. Priest and Lawrence R. Boies, 51:79 (Mar.) 1942; A. G. Rawlins, 47:739 (Sept.) 1938.
of the nasal accessory sinuses. Thomas E. Carmody, 44:626 (Sept.) 1935.
of the nose and accessory sinuses with report of cases. W. L. Simpson and R. I. Williams, 49:949 (Dec.) 1940.
orbito-ethmoidal: report of the case. Frederic G. Sprowl, 45:886 (Sept.) 1936.
pedunculated, of the external auditory canal: report of two cases. W. G. Kennon, 49:540 (June) 1940.

Osteomyelitic invasion of the frontal bone following frontal sinus disease. Samuel R. Skillern, 48:392 (June) 1939.

Osteomyelitis
acute fulminating, of the frontal bone: review and prediction. Gustave B. Fred, 51:638 (Sept.) 1942.
chronic, of the skull. Hans Brunner, 52:850 (Dec.) 1943.
diffuse cranial, complicating frontal sinusitis. O. Jason Dixon, 43:16 (Mar.) 1934.
of the frontal bone. Arthur C. Jones, 45:726 (Sept.) 1936.
of the frontal bone, microscopic changes in. Clair M. Kos, 49:510 (June) 1940.
of the frontal bone, with report of 13 cases. A. C. Jones, 49:713 (Sept.) 1940.
of the skull originating in the ethmoid area. William F. Clevenger and Howard L. Norris, 45:1040 (Dec.) 1936.
of the skull, venous circulation as a factor in. W. J. Mellinger, 49:438 (June) 1940.
of the sphenoid bone: report of five cases with the autopsy findings. Howard C. Ballenger, 48:95 (Mar.) 1939.
picric acid-calcium carbonate treatment (Stewart) of, applied to ear and nose conditions. Harry J. Gray, 46:681 (Sept.) 1937.
with fistula, orbital cellulitis and abscess, and diplopia complicating pansinusitis. James S. Davis, 52:906 (Dec.) 1943.

Ostium maxillare, clinical availability of: clinical and cadaver study. H. C. Rosenberger, 47:176 (Mar.) 1938.

Otic capsule, development of. VI. Histological changes and variations in the growing bony capsule of the vestibule and cochlea. T. H. Bast, 51:343 (June) 1942.
fistulization of, type of deafness which responds to. Norton Canfield, 49:248 (Mar.) 1940.

Otitic capsule, experimental studies on enchondral bone of. W. P. Covell, 48:934 (Dec.) 1939.
hydrocephalus with a suggestion as to etiology. Matthew S. Ersner and David Myers, 45:553 (June) 1936.
infections followed by labyrinthitis: differential diagnosis. Samuel J. Kopetzky, 43:718 (Sept.) 1934.
meningitis: notes on diagnosis. Samuel J. Kopetzky, 43:401 (June) 1934.
or sinus infection: comprehensive study of meningitis secondary to. J. B. Neal, H. W. Jackson, E. Appelbaum, 43:658 (Sept.) 1934.

Otitis
externa. William D. Gill, 51:370 (June) 1942.
media, acute aero, new method for treatment of. Robert H. Wiseheart, 52: 581 (Sept.) 1943.
acute, and mastoiditis, sulfonamide therapy for. H. L. Williams, A. E. Brown, W. E. Herrell and R. D. Ralph, 50:336 (June) 1941.
catarrhal, problem of. Gordon D. Hoople and Irl H. Blaisdell, 52: 359 (June) 1943.
chemotherapy and serotherapy of. R. N. Ganz, Champ Lyons and C. F. Ferguson, 50:1185 (Dec.) 1941.
ear drops in: evaluation of various medicaments and analysis of untoward effects of antipyrine and benzopyrine. M. S. Ersner and Maurice Saltzman, 51:471 (June) 1942.
observations in. John R. Richardson, 51:804 (Sept.) 1942.
sulfonamide drugs in the treatment of. Harold G. Tobey, 51:945 (Dec.) 1942.
suppurative: statistical study of 1514 cases, of which 896 were surgical. J. H. Maxwell and D. H. Brownell, 49:973 (Dec.) 1940.
suppurative, in measles; report of 427 patients. Horace J. Williams, 44:956 (Dec.) 1935.
and mastoiditis complicated by abducens paralysis. W. H. Johnston, 43: 94 (Mar.) 1934.
and paratympanitis, clinico-pathological observations of. Lyle M. Sellers, 46:1074 (Dec.) 1937.
and related infections, bacteriology of meningitis following. Anna W. Williams, 43:667 (Sept.) 1934.
chronic, hearing in. Philip E. Meltzer, 51:727 (Sept.) 1942
suppurative, and mastoiditis; diagnostic significance of partial paralysis of the facial nerve in. Harold I. Lillie, 50:38 (Mar.) 1941.
suppurative, facial paralysis, circumscribed meningitis and acute labyrinthitis, a case of. H. C. Ballenger, 50:286 (Mar.) 1941.
suppurative, modern conception of the pathology, diagnosis and treatment of. Wallace Morrison, 51:5 (Mar.) 1942.
followed by labyrinthitis, pathology and routes of infection. L. W. Dean and Dorothy Wolff, 43:702 (Sept.) 1934.
pathological extension to the temporomandibular fossa and to the facial canal from. Dorothy Wolff, 51:969 (Dec.) 1942.
pulmonary atelectasis, and vacuum in paranasal sinuses, the role of ciliary action in production of. A. C. Hilding, 52:816 (Dec.) 1943.
tuberculous, complication of thoracoplasty in. John G. Adams, 51:209 (Mar.) 1942.

Otogenous infections, masking effects of the sulfonamides in. Lester L. Coleman, 52:694 (Sept.) 1943.

Otolaryngological problems of aviation in World War II. Major Paul A. Campbell, 51:293 (June) 1942.

Otolaryngology
and brucellosis. Caesar Hirsch, 44:242 (Mar.) 1935.
fifty years of, in America. L. W. Dean, 50:5 (Mar.) 1941.
from the immunologic viewpoint. F. J. Novak, Jr., 50:1134 (Dec.) 1941.

Otological research and its recent contributions to clinical otology. Walter Hughson and Eva Thompson, 50:77 (Mar.) 1941.

Otology and aviation. Ralph A. Fenton, 51:333 (June) 1942.

Otomycosis
investigation of effective fungicidal agents in treatment of. Ralph McBurney and Harvey B. Searcy, 45:988 (Dec.) 1936.
some remarks concerning its prevalence, symptomatology and treatment. Wm. D. Gill, 47:189 (Mar.) 1938.
treatment of. Merrill J. Reeh, 51:146 (Mar.) 1942.

Otosclerosis
animal experimentation. Central Bureau of Research of the American Otological Society, 45:241 (Mar.) 1936.
bone pathology. Central Bureau of Research of the American Otological Society, 45:186 (Mar.) 1936.
circulatory and inflammatory factors; venous stasis. Central Bureau of Research of the American Otological Society, 45:206 (Mar.) 1936.
clinical: some observations. C. C. Bunch, 43:344 (June) 1934.
diagnosis, prognosis: new tests. Central Bureau of Research of the American Otological Society, 45:252 (Mar.) 1936.
embryology. Central Bureau of Research of the American Otological Society, 45:177 (Mar.) 1936.
endocrinology. Central Bureau of Research of the American Otological Society, 45:221 (Mar.) 1936.
experimental hyperparathyroidism and. Earl C. Slaughter, 49:130 (Mar.) 1940.
heredity. Central Bureau of Research of the American Otological Society, 45:171 (Mar.) 1936.
in ultraviolet light. E. P. Fowler, Jr., 43:408 (June) 1934.
index of the literature from 1928 to 1935. Central Bureau of Research of the American Otological Society, 45:496 (June) 1936.
mechanical factors. Central Bureau of Research of the American Otological Society, 45:237 (Mar.) 1936.
metabolism. Central Bureau of Research of the American Otological Society, 45:228 (Mar.) 1936.
nerve mechanism: cortical, central and nerve lesions. Central Bureau of Research of the American Otological Society, 45:219 (Mar.) 1936.
psychology (acquired deafness). Central Bureau of Research of the American Otological Society, 45:246 (Mar.) 1936.
regression. Central Bureau of Research of the American Otological Society, 45:182 (Mar.) 1936.
résumé of the literature from 1928 to 1935. Central Bureau of Research of the American Otological Society, 45:169 (Mar.) 1936.
surgery of. Gunnar Holmgren, 46:3 (Mar.) 1937.
surgical treatment of: comparative analysis of results using different technics. George E. Shambaugh, Jr., 51:817 (Sept.) 1942.
surgical treatment of otosclerosis and of tinnitus. Central Bureau of Research of the American Otological Society, 45:265 (Mar.) 1936.
treatment, nonoperative. Central Bureau of Research of the American Otological Society, 45:271 (Mar.) 1936.
vasomotor mechanism. Central Bureau of Research of the American Otological Society, 45:212 (Mar.) 1936.

Oxalic acid, role of, and certain related dicarboxylic acids in treatment and control of hemorrhage. Arthur Steinberg. H. I. Segal and H. M. Parris, 49:1008 (Dec.) 1940.

Oxygen tents, some observations on the control of temperature and humidity in. F. W. Davison, 49:1083 (Dec.) 1940.

P

Paget's disease, histopathologic changes of the temporal bone in. M. Tamari, 51: 170 (Mar.) 1942.
pituitary tumor and abscess of the sphenoid sinus: report of a case. C. W. Pond, 49:500 (June) 1940.

Pains of nasal and paranasal origin referred to the lower cervical and upper thoracic segments and the upper extremity, pathways involved in. Albert Kuntz, 45:394 (June) 1936.

Palate, hard, mixed tumors of. F. T. Hill, 47:317 (June) 1938.

Palatine tonsil in the sixth decade. George Kelemen, 52:419 (June) 1943.

Palsy
facial: use of autoplastic nerve grafts. John H. Foster, 44:521 (June) 1935.
some observations on. James A. Babbitt, 45:611 (Sept.) 1936.

Pansinusitis
chronic, pertinent facts relating to. William Mithoefer, 48:158 (Mar.) 1939.
complicated by osteomyelitis with fistula, orbital cellulitis and abscess and diplopia. James S. Davis, 52:906 (Dec.) 1943.

Papilloma
congenital, of the trachea; diverticulum of trachea; rupture of diverticulum of trachea into innominate artery. John D. Kernan, 45:865 (Sept.) 1936.
multiple, of the esophagus. Westley M. Hunt, 46:752 (Sept.) 1937.
of the larynx, trachea and left bronchus in a child. Ellen J. Patterson, 48:1080 (Dec.) 1939.
of the tonsil: report of three cases. Ira Frank, 47:715 (Sept.) 1938.
of the trachea: report of a case. R. M. Lukens, 45:872 (Sept.) 1936.

Papillomas, recurring, arrested development of the larynx following irradiation for. Samuel Salinger, 51:273 (Mar.) 1942.

Papillomatosis, laryngeal, treatment of. John H. Foster, 46:786 (Sept.) 1937.

Paralysis L
abducens complicating otitis media and mastoiditis. W. H. Johnston, 43:94 (Mar.) 1934.
abductor, postoperative bilateral. Waitman F. Zinn, 44:164 (Mar.) 1935.
and pain arising from inflammations of the prevertebral space. Arthur W. Proetz, 44:371 (June) 1935.
bilateral abductor, of the larynx, supplementary report on extralaryngeal arytenoidectomy as a relief for. Joseph D. Kelly, 52:628 (Sept.) 1943.
of the larynx, of influenzal origin. J. N. Roy, 45:282 (Mar.) 1936.
of the vocal cords, Kelly operation for restoration of laryngeal function following: report of three cases. Edward S. Wright, 52:346 (June) 1943.
of the vocal cords, King operation for. Lindon Seed, 51:66 (Mar.) 1942.
submucous cordectomy for. Walter Stevenson, 46:531 (June) 1937.

Paralysis
double abductor, suggested operative procedure for the relief of stenosis in: anatomic study. John M. Loré, 45:679 (Sept.) 1936.
facial: advanced methods in the surgical treatment. Arthur B. Duel, 43:76 (Mar.) 1934.
and acoustic symptoms, herpes zoster oticus with. H. C. Rosenberger, 50:271 (Mar.) 1941.
case of. H. C. Ballenger, 50:286 (Mar.) 1941.
relapsing alternating peripheral. Pierre Viole, 46:351 (June) 1937.
of the facial nerve, surgical repair of: clinical presentation. Arthur B. Duel and Thomas G. Tickle, 45:3 (Mar.) 1936.
of the larynx. L. H. Clerf and O. W. Suehs, 50:762 (Sept.) 1941.
of the larynx, anatomical and clinical study of central lesions producing. A. C. Furstenberg, 46:39 (Mar.) 1937.
of the larynx: suggested explanation of the so-called continued median position of the vocal cords in bilateral paralysis: a consideration of Semon's law. Charles J. Imperatori, 44:730 (Sept.) 1935.
partial, of the facial nerve in chronic suppurative otitis media and mastoiditis, diagnostic significance of. Harold I. Lillie, 50:38 (Mar.) 1941.

Parapharyngeal space, abscess of, massive hemorrhage, recovery: a case report. W. E. Grove, 51:1053 (Dec.) 1942.
anatomical and clinical study. Colby Hall, 43:793 (Sept.) 1934.

Parastigmatism, prophylaxis in. Charles H. Voelker, 45:1082 (Dec.) 1936.

Paratympanitis and otitis media, clinicopathological observations of. Lyle M. Sellers, 46:1074 (Dec.) 1937.

Parenteral administration of certain substances in upper respiratory infections. G. M. Coates, W. B. Davis and William Gordon, 47:473 (June) 1938.

Pathology of bone in otosclerosis. Central Bureau of Research of the American Otological Society, 45:186 (Mar.) 1936.

Pemphigus localized in the mouth. E. I. Matis, 49:991 (Dec.) 1940.

Penicillin
and tyrothricin in otolaryngology—based on a bacteriological and clinical study of 118 patients. S. J. Crowe, A. M. Fisher, Arthur T. Ward, Jr., and M. Kathleen Foley, 52:541 (Sept.) 1943.
local use of the sulfonamides, gramicidin (tyrothricin) and, in otolaryngology. John E. Bordley, S. J. Crowe, David A. Dolowitz and Kenneth L. Pickrell, 51:936 (Dec.) 1942.

Pentothal sodium in ear, nose and throat surgery. George J. Thomas, 52:35 (Mar.) 1943.

Perception, tactile and tremor, in hearing. S. Dworkin, G. A. Hutchison and J. Katzman, 45:840 (Sept.) 1936.

Perforation of the trachea by a mediastinal tumor (Hodgkin's disease). A. E. Hammond, 50:929 (Sept.) 1941.

Perforations
complications of esophageal. P. H. Holinger, 50:681 (Sept.) 1941.
of membrana tympani, closure of, with Cargile's membrane. W. D. Stinson, 50:178 (Mar.) 1941.

Petromastoid, encapsulated empyema of: report of a case. Henry L. Williams, 48:236 (Mar.) 1939.

Petrosal pyramid suppuration: clinical picture and diagnosis. C. C. Eves, 44:1084; C. S. Nash, 44:1090; Ernest M. Seydell, 44:1068 (Dec.) 1935.
discussion of symposium, 44:1138 (Dec.) 1935.
introductory remarks, S. J. Kopetzky, 44:1003 (Dec.) 1935.
fundamentals of therapy. Ralph Almour, 44:1107; Wells P. Eagleton, 44:1113; Isidore Friesner and J. G. Druss, 44:1100; W. V. Mullin, 44:1097; John Randolph Page, 44:1093 (Dec.) 1935.
report on ten cases. Samuel J. Kopetzky and Ralph Almour, 44:59 (Mar.) 1935.
summation and conclusions of symposium. Harold I. Lillie, 44:1129 (Dec.) 1935.

Petrositis and meningitis with recovery. Marvin F. Jones, 52:181 (Mar.) 1943.

Petrous apex, microscopic observations of its development. Braswell Collins and Dorothy Wolff, 46:444 (June) 1937.
sublabyrinthine exenteration of. J. Brown Farrior, 51:1007 (Dec.) 1942.
bone and endocranium of "frustrated" form, propagations of inflammatory processes between. George Kelemen, 48:375 (June) 1939.
pyramid, anatomical study of the nasopharynx as a pathway to the infracarotid portion of. B. Russell Burke, 49:924 (Dec.) 1940.
care of mastoid wounds following the complete mastoid operation, sinus thrombosis and operations on. Marvin F. Jones, 48:579 (Sept.) 1939.
diagnosis of acute suppuration of. Curtis Eves, 44:97 (Mar.) 1935.
histopathology of apicitis in suppurations of. E. A. Friedman, 47:954 (Dec.) 1938.
normal and pathological anatomy of. E. P. Fowler, Jr., 44:1056; Stacy R. Guild, 44:1011; Marvin F. Jones, 44:1036; J. Gordon Wilson, 44:1048 (Dec.) 1935.
pathways of approach. Marvin F. Jones, 44:458 (June) 1935.
pneumatization of. J. R. Lindsay, 50:1109 (Dec.) 1941.
suppuration in. J. R. Lindsay, 47:3 (Mar.) 1938.
transverse fracture of. William E. Grove, 48:491 (June) 1939.
tuberculosis of. Louis Kleinfeld and G. Y. Smith, 47:261 (Mar.) 1938.
temporal bone, air cells in, in a child of thirteen years. J. Gordon Wilson, 48:35 (Mar.) 1939.

Pharmacologic development of the sulfonamides. Frank T. Maher, 52:165 (Mar.) 1943.

Pharmacology of the nose, experimental and clinical observations regarding the physiology and. D. E. Jackson, 51:973 (Dec.) 1942.

Pharyngeal hemorrhage. S. J. Pearlman, 50:908 (Sept.) 1941.
lymphatics as focus of infection. L. E. Brown, 45:447 (June) 1936.
syndrome, probably of virus origin. Albert B. Murphy, 52:391 (June) 1943.
wall, posterior, aberrant vessel of. LeRoy A. Schall, 45:891 (Sept.) 1936.
Pharyngitis, chronic granular. Raymond H. Marcotte, 51:406 (June) 1942.

Pharyngomaxillary approach to the tip of the temporal bone. Harris P. Mosher, 49:3 (Mar.) 1940.

Pharyngotomy, lateral transthyroid. Henry B. Orton, 51:774 (Sept.) 1942.

Pharynx
and nose, non-surgical treatment of diseases of. Gordon D. Hoople, 48:73 (Mar.) 1939.
buccal mucosa, and larynx, epidermoid carcinoma of. Dean M. Lierle, 48:875 (Dec.) 1939.
conservative treatment of. John W. Carmack, 43:995 (Dec.) 1934.

Pharynx
does subepithelial extension of infection occur from the upper respiratory tract to the lower: experimental study. Robert E. Votaw, 48:103 (Mar.) 1939.
histopathological changes occurring in chronic infection of. H. P. Schenck, 50:817 (Sept.) 1941.
in dermatologic conditions. Hamilton Montgomery, 46:179 (Mar.) 1937.
sepsis following pharyngeal infections. Colby Hall, 48:905 (Dec.) 1939.
velum and tonsils: primary ulcerative infiltrative tuberculosis of, with report of a case in which healing followed treatment with 50 per cent trichloracetic acid. Martin A. Furman, 46:456 (June) 1937.

Phenol: its effect in hyperesthetic rhinitis, with tissue study of the nasal mucosa. Arthur Palmer, 44:25 (Mar.) 1935.

Phoniatry in dysphonia ventricularis. Charles H. Voelker, 44:471 (June) 1935.

Physiodynamics of intravascular fluid injections for roentgenographic studies. O. Jason Dixon, 44:387 (June) 1935.

Physiology
and histopathology of the middle ear. D. M. Lierle and J. J. Potter, 50:235 (Mar.) 1941.
and pharmacology of the nose, experimental and clinical observations regarding. D. E. Jackson, 51:973 (Dec.) 1942.

Picric acid-calcium carbonate treatment (Stewart) of osteomyelitis applied to ear and nose conditions. Harry J. Gray, 46:681 (Sept.) 1937.

Pitch, how does the organ of Corti distinguish. H. M. Lurie, 45:339 (June) 1936.

Plasmocytoma of the tonsil. Ira Frank, 51:22 (Mar.) 1942.

Plastic flap, new, for use in endaural radical mastoidectomy. George E. Shambaugh, Jr., 51:117 (Mar.) 1942.
operation, new, for the correction of external deviations of the lower end of the nose. J. A. Tamerin, 47:235 (Mar.) 1938.
surgery, emergency, in war injuries of the face. John M. Converse, 52:637 (Sept.) 1943.
nasal. G. W. Pierce and G. B. O'Connor, 47:437 (June) 1938.
some conclusive remarks from personal experience. Joseph C. Beck, 44: 90 (Mar.) 1935.
story of. Michael M. Wolfe, 48:473 (June) 1939.

Pleural cavity, bronchoscopic diagnostic sign for lesions of. M. C. Myerson, 51: 1122 (Dec.) 1942.

Plummer-Vinson syndrome. David P. Cordray, 49:160 (Mar.) 1940.

Pneumatization of the petrous pyramid. J. R. Lindsay, 50:1109 (Dec.) 1941.

Pneumocephalus, nasopharyngeal fibroma, with report of a case with secondary. Frederick T. Hill, 51:105 (Mar.) 1942.

Pneumococci, reaction of the normal and allergic sinus to. Ira Frank, Margery Blahd, and Katharine M. Howell, 52:81 (Mar.) 1943.

Pneumonectomy, repeated severe hemoptysis necessitating. C. E. Pitkin, 50:914 (Sept.) 1941.

Poliomyelitis: studies on the intranasal preventive treatment. M. C. Myerson, 47: 531 (June) 1938.

Polyp of the tonsil: report of a case. William H. Evans and Robert E. Odom, 48: 495 (June) 1939.

Polyps of the larynx, pathologic anatomy of. S. A. Friedberg and W. H. Segall, 50:783 (Sept.) 1941.

Postanginal sepsis. Isaac A. Abt, 43:441 (June) 1934.

Posttraumatic syndrome of head injury. H. A. Brown, 50:1152 (Dec.) 1941.

Potassium therapy, results of, in nasal allergy. Howard A. Rusk, L. W. Dean and Wallace Rindskopf, 49:76 (Mar.) 1940.

President's address; American Bronchoscopic Society. Joseph C. Beck, 46:744 (Sept.) 1937; John Kernan, 48:795 (Sept.) 1939; Lyman G. Richards, 49:776 (Sept.) 1940; H. Marshall Taylor, 45:1087 (Dec.) 1936; Waitman F. Zinn, 43: 868 (Sept.) 1934.

Prevertebral space inflammations giving rise to a syndrome of pain and paralysis. Arthur W. Proetz, 44:371 (June) 1935.

Progress in otolaryngology. Leroy A. Schall and John R. Richardson, 46:1009 (Dec.) 1937.

Prontosil and sulfanilamide in the treatment of otogenic meningitis. Robert B. Lewy, 46:1096 (Dec.) 1937.

Prophylaxis
- and treatment of the common cold with special reference to respiratory vaccine. C. A. Veasey, Jr., 50:1168 (Dec.) 1941.
- intranasal vaccine spray: its use in prophylaxis against the common cold. Theodore E. Walsh, 49:875 (Dec.) 1940.

Prosthesis, middle ear, mechanics of. A. G. Pohlman, 45:351 (June) 1936.

Prostigmin, treatment of deafness and tinnitus aurium with. Harry Schluederberg, 51:526 (June) 1942.

Psychology (acquired deafness) in otosclerosis. Central Bureau of Research of the American Otological Society, 45:246 (Mar.) 1936.

Psychophonasthenia syndrome. J. S. Greene, 50:1177 (Dec.) 1941..

Pulmonary hemorrhage studied and treated by the bronchoscopist. M. F. Arbuckle, 45:1114 (Dec.) 1936.

Purpura
- acute thrombocytopenic, fatal case of, with submucosal hemorrhage as its most prominent feature. Vital E. Cortopassi and Abraham G. Cohen, 52:902 (Dec.) 1943.
- hemorrhagica, bronchial involvement in. Edward A. Looper, 51:1106 (Dec.) 1942.
- thrombopenic, and role of x-ray treatment to the spleen. Edwin D. Warren, 49:543 (June) 1940.

Pyriform sinus: new surgical approach to the mediastinum. Sam E. Roberts, 44: 493 (June) 1935.

Q

Quinine
- absorption of, into the cerebrospinal fluid of the fetus in utero. H. M. Taylor, L. Y. Dyrenforth and C. B. Pollard, 50:1030 (Dec.) 1941.
- in relation to nerve deafness. S. B. Forbes, 52:109 (Mar.) 1943.

R

Radiation, effect of, upon ciliated epithelium. Lyman H. Heine, 45:60 (Mar.) 1936.

Radium
in cancer of the bronchus: new method of application. Joel J. Pressman and Clyde J. Emery, 46:314 (June) 1937.
use of, in conduction deafness. Gilbert E. Fisher, 52:473 (June) 1943.
use of, in maintaining a patent frontonasal opening in external operations on the fronto-ethmoid group of sinuses: preliminary report. Henry L. Williams and Robert E. Fricke, 48:412 (June) 1939.

Regression in otosclerosis. Central Bureau of Research of the American Otological Society, 45:182 (Mar.) 1936.

Report of the Committee on Methods of Testing the Hearing by Bone Conduction. 45:800 (Sept.) 1936.

Research, medical, and war problems. J. M. Sutherland, 51:445 (June) 1942.

Respiration, functional examination of, in obstructive diseases. A. H. Andrews, Jr., 50:917 (Sept.) 1941.

Respiratory diseases and asthma, relation of ciliary insufficiency to death from. A. C. Hilding, 52:5 (Mar.) 1943.
failure, certain phases of. E. T. Gatewood and M. K. Cary, 48:1073 (Dec.) 1939.
infections, upper and lower, interrelationship of: emphasizing the routes of infection. John G. McLaurin, 52:589 (Sept.) 1943.
tract infections, clinical relationship of, to certain types of chronic uveitis: preliminary report. William D. Gill, 44:486 (June) 1935.
upper, transitional cell carcinoma of. Ira Frank, Maurice Lev and Margery Blahd, 50:393 (June) 1941.
unusual tumors of. LeRoy A. Schall and David P. Cordray, 50:421 (June) 1941.
tracts, allergy of the upper and lower, in children. F. K. Hansel, 49:579 (Sept.) 1940.

Retrobulbar neuritis, present status of sinus infection as an etiologic factor in. James A. Fisher, 44:274 (Mar.) 1935.

Retropharyngeal abscess due to external injury of the neck. A. F. Laszlo, 44:226 (Mar.) 1935.
unusual case of. Samuel Iglauer, 50:1215 (Dec.) 1941.
with reference to abnormally large percentage of adult cases. J. E. Smith, 49:490 (June) 1940.
lipoma. F. J. Putney and K. E. Fry, 49:967 (Dec.) 1940.

Rheumatism
tonsillectomy for: study of 3172 cases. Wm. H. Turnley, 46:1050 (Dec.) 1937.
treatment of. H. B. Graham, 44:181 (Mar.) 1935.

Rhinitis
acute, calcium cevitamate in treatment of. S. L. Ruskin, 47:502 (June) 1938.
recurrent, use of staphylococcus toxoid in the treatment of a certain type of. K. E. Townsend, 50:1189 (Dec.) 1941.
allergic: intramucosal test for hypersensitivity. L. W. Dean, L. D. Linton and C. S. Linton, 44:317 (June) 1935.

Rhinitis
atrophic, estrogenic substance in the treatment of. Louis A. Safer, 51:158 (Mar.) 1942.
hyperesthetic: effect of phenol with tissue study of the nasal mucosa. Arthur Palmer, 44:25 (Mar.) 1935.
treatment of chronic obstructive, with submucosal injections of sodium psylliate. E. A. Thacker, 49:939 (Dec.) 1940.
vasomotor, and hypothyroidism. Jonathan Forman, 43:279 (Mar.) 1934.

Rhinolith. H. B. Stauffer, 52:190 (Mar.) 1943.

Rhinoliths: report of three cases with a review of the literature. Jerome Snyder and Maurice Feldman, 45:430 (June) 1936.

Rhinologic diagnosis, importance of, in allergic disease. Harry L. Baum, 44:500 (June) 1935.

Rhinophonia macrostaphyla. C. H. Voelker, 47:659 (Sept.) 1938.

Rhinoplasty: new method for the sinking of the tip of the nose. J. N. Roy, 46: 203 (Mar.) 1937.

Rhinorrhea
cerebrospinal: report of a case presenting hyperostosis frontalis interna. L. L. Titche, 50:554 (June) 1941.
spontaneous cerebrospinal. S. A. Friedberg and T. C. Galloway, 47:792 (Sept.) 1938.
report of a case with operative cure. Andrew Wessels, 48:528 (June) 1939.

Rhinoscleroma: report of a case. J. Lewis Dill, 52:496 (June) 1943.

Rinne test and the audiometer. C. C. Bunch, 50:47 (Mar.) 1941.

Roentgen demonstration of cysts in the upper air passages. Henry K. Taylor and Louis Nathanson, 44:170 (Mar.) 1935.
findings in acute infections of the mastoid cells. A. S. Macmillan, 51:718 (Sept.) 1942.
therapy for acute sinusitis. H. L. Williams and Walter C. Popp, 49:749 (Sept.) 1940.
of laryngeal tuberculous. Clarence W. Engler, 52:655 (Sept.) 1943.

Roentgenogram as an aid in the diagnosis of surgical mastoiditis. D. H. Brownell and I. J. Hauser, 47:240 (Mar.) 1938.

Roentgenography of the neck, value of, with special reference to its use in the diagnosis and treatment of laryngeal and tracheal obstructions. Chevalier Lawrence Jackson, 45:951 (Dec.) 1936.

Roentgenology of the neck and mediastinum. Samuel Iglauer, 50:790 (Sept.) 1941.

Rotation, analysis of the effects of repeated bodily, with especial reference to the possible impairment of static equilibrium. O. H. Mowrer, 43:367 (June) 1934.

Round window membrane, end organ deafness in dogs due to the application of certain chemicals to. E. P. Fowler, Jr., and T. W. Forbes, 45:859 (Sept.) 1936.

Routes of infection and interrelationship of upper and lower respiratory infections. John G. McLaurin, 52:589 (Sept.) 1943.

S

Saddle nose, advantage of mixed bone and cartilage grafts in correction of, and other depressed deformities of the dorsum. Lee Cohen, 49:410 (June) 1940.

Saliva, clinical and experimental study of action of, on blood coagulation and wound healing in surgery of the oral cavity and throat. M. S. Ersner, D. Myers and W. Ersner, 43:114 (Mar.) 1934.

Salivary gland tissue in the tonsillar fossa. Julius Prohovnik, 45:1181 (Dec.) 1936.

Salzer method, treatment of lye ingestion by. S. S. Gellis and L. E. Holt, Jr., 51: 1086 (Dec.) 1942.

Sarcoid, multiple benign, of the upper respiratory tract. David L. Poe, 51:430 (June) 1942.

Sarcoidosis of the external ear. David L. Poe, 49:771 (Sept.) 1940.

Sarcoma, myxo-fibro, of the external ear. Frank Hand and Gerald B. O'Connor, 47:1096 (Dec.) 1938.

Saw, improved electric laryngeal. Murdock Equen, 51:1075 (Dec.) 1942.

Scarlet fever
- and bilateral mastoiditis with intervening pneumonia and cerebellar abscess with recovery. Robert B. Lewy, 51:264 (Mar.) 1942.
- review of the aural and orbital complications of, at the Philadelphia Hospital for Contagious Diseases from 1922 to 1934. Horace J. Williams, 44:110 (Mar.) 1935.
- serum, use of human convalescent, in streptococcic infections involving the ear, nose and throat. Pierre Viole, 49:639 (Sept.) 1940.

Sclerosing solution, treatment of esophageal varices by injection of. H. J. Moersch, 50:1233 (Dec.) 1941.

Sepsis
- postanginal. Isaac A. Abt, 43:441 (June) 1934.
  - two unusual cases of. E. I. Matis, 49:559 (June) 1940.

Septum
- nasal, mixed tumor of: report of a case. I. F. Weidlein, 45:574 (June) 1936.
  - pedunculated fibroma of. W. Likely Simpson and J. D. Evans, 46:527 (June) 1937.
- submucous operation without nasal pack. A. C. Howe, 47:836 (Sept.) 1938.

Serotherapy and chemotherapy of acute otitis media. R. N. Ganz, Champ Lyons and C. F. Ferguson, 50:1185 (Dec.) 1941.

Serums, specific immune, further observations on use of, in the treatment of streptococcic infections. Harry L. Baum, 45:969 (Dec.) 1936.

Seventh nerve paralysis, etiology and treatment of. C. H. McCaskey, 49:199 (Mar.) 1940.

Silver, free, metallic, use of, in the nose. Lyle S. Powell, 44:734 (Sept.) 1935.

Simulation of deafness. William E. Grove, 52:573 (Sept.) 1943.

Sinus
- abnormalities of, in congenital total and hemi-absence of the nose. Vilray P. Blair, James B. Brown and Louis T. Byars, 46:592 (Sept.) 1937.
- and ear symptoms dependent upon disturbed function of the temporomandibular joint. James B. Costen, 43:1 (Mar.) 1934.

Sinus
benign cysts of the antrum. Guerdan Hardy, 48:649 (Sept.) 1939.
carcinomatosis of the nasal mucous membrane (fatal hemorrhage after puncture of maxillary sinus). Hans Brunner and John W. Wall, 49:688 (Sept.) 1940.
carotid, syndrome. M. F. Jones and J. M. Converse, 50:806 (Sept.) 1941.
disease, acute, treatment of. A. C. Furstenberg, 47:902 (Dec.) 1938.
and certain chest conditions: review of their interrelationship with especial consideration of bronchiectasis and asthma. John G. McLaurin, 44:344 (June) 1935.
frontal, osteomyelitic invasion of the frontal bone following. Samuel R. Skillern, 48:392 (June) 1939.
serious complications of. Claude T. Uren, 48:515 (June) 1939.
operative treatment of. Edward C. Sewall, 44:307 (June) 1935.
optic nerve complications of. Israel Strauss and William Needles, 47:989 (Dec.) 1938.
relation of, to chest infection. Elbert L. Spence, 43:579 (June) 1934.
x-ray treatment of infections: review of the literature and report of cases of mastoiditis and sinusitis. B. R. Dysart, 48:433 (June) 1939.
frontal, hemorrhagic cysts of, which simulated mucocele. H. I. Lillie and P. N. Pastore, 50:544 (June) 1941.
osteoma of. G. M. Coates and Frederick Krauss, 50:450 (June) 1941.
studies on Bárány's operation on. Karsten Kettel, 48:165 (Mar.) 1939.
treatment of acute infections of. E. J. Mulligan and S. J. Crowe, 50:499 (June) 1941.
infection, analysis of 75 cases of bronchiectasis from the viewpoint of. R. L. Goodale, 47:347 (June) 1938.
nasal, associated with diseases of the vascular system. Frank B. Kistner, 43:89 (Mar.) 1934.
present status of, as an etiologic factor in retrobulbar neuritis. James A. Fisher, 44:274 (Mar.) 1935.
lateral, accidental injury to, with report of two cases. 48:790 (Sept.) 1939.
maxillary, air pressures in the nose and, under normal conditions and disease. Delbert K. Judd, 51:689 (Sept.) 1942.
ameloblastoma of. M. Gerard Golden, 51:378 (June) 1942.
angiofibroma of. F. T. Munson, 50:561 (June) 1941.
efficiency of antroscopic examination. Emanuel Simon, 43:813 (Sept.) 1934.
irrigation of, through natural ostium. Forrest Merica, 48:1011 (Dec.) 1939.
osteoma of. Robert E. Priest and Lawrence R. Boies, 51:79 (Mar.) 1942.
mucosa, maxillary: clinical study of its functioning. Edward King, 44:480 (June) 1935.
or otitic infection, comprehensive study of meningitis secondary to. J. B. Neal, H. W. Jackson, E. Appelbaum, 43:658 (Sept.) 1934.
problems in an allergy clinic, fourteen years practical experience with. Francis L. Weille, 51:830 (Sept.) 1942.
reaction of the normal and the allergic to virulent pneumococci. Ira Frank, Margery Blahd, and Katharine M. Howell, 52:81 (Mar.) 1943.
sphenoid, and the sphenopalatine ganglion as factors in so-called atypical trigeminal neuralgia. H. W. Lyman, 44:653 (Sept.) 1935.
comparative study of: study of 1600 skulls. Fred W. Dixon, 46:687 (Sept.) 1937.
abscess of, Paget's disease and pituitary tumor. C. W. Pond. 49:500 (June) 1940.

Sinus
surgery, experimental: effects of operative windows on normal sinuses. A. C. Hilding, 50:379 (June) 1941.
frontal, some causes for failure in. Robert Lincoln Goodale, 51:648 (Sept.) 1942.
thrombosis, cavernous: report of three cases with autopsy findings. H. W. Rubin and Abraham Cutler, 49:736 (Sept.) 1940.
with recovery, proved by necropsy. Eugene R. Lewis, 43:1084 (Dec.) 1934.
treatment (displacement method): evaluation with review of the literature. Arthur W. Proetz, 46:699 (Sept.) 1937.

Sinuses
accessory, and the nose, conservative treatment of. W. E. Grove, 43:988 (Dec.) 1934.
nasal, fractures of the face involving. J. B. Naftzger, 51:414 (June) 1942.
middle ear and, from a flight surgeon's point of view. Cole D. Pittman, 50:518 (June) 1941.
osteoma of the nose and. W. L. Simpson and R. I. Williams, 49:949 (Dec.) 1940.
some annoyances in the management of malignancies of. Ralph A. Fenton, 43:39 (Mar.) 1934.
and the nasopharynx, malignant disease of, in the small hospital. Frederick T. Hill, 46:158 (Mar.) 1937.
and the nose, management of recent fracture of. F. D. Woodward, 44:264 (Mar.) 1935.
frontal, effects of ionization on the mucosa of, in dogs. Bernard J. McMahon, 43:643 (Sept.) 1934.
management of malignancie of. C. Stewart Nash, 44:220 (Mar.) 1935.
nasal accessory, malignancy of, with report of two cases of primary carcinoma of the frontal sinuses. Earle G. Breeding, 49:141 (Mar.) 1940.
treatment of, other than operative. William Mithoefer, 45:420 (June) 1936.
osteoma of. Thomas E. Carmody, 44:626 (Sept.) 1935.
paranasal, and nasopharynx, malignant tumors of. N. S. Weinberger, 48:203 (Mar.) 1939.
diagnosis and treatment of chronic disease of. H. L. Williams and L. H. Mousel, 49:466 (June) 1940.
histology of the epithelium of, under various conditions. J. S. Latta and R. F. Schall, 43:945 (Dec.) 1934.
vacuum in, pulmonary atelectasis, and otitis media, role of ciliary action in production of. A. C. Hilding, 52:816 (Dec.) 1943.
surgery of the nasal. E. C. Sewall, 50:463 (June) 1941.
use of radium in maintaining a patent frontonasal opening in external operations on the fronto-ethmoid group of: preliminary report. Henry L. Williams and Robert E. Fricke, 48:412 (June) 1939.

Sinusitis
acute, roentgen therapy for. H. L. Williams and W. C. Popp, 49:749 (Sept.) 1940.
chronic, pathology of, in children. William Spielberg, 43:826 (Sept.) 1934.
frontal, discharge from, draining directly into the maxillary sinus. H. I. Lillie, 50:572 (June) 1941.
experimental, produced by filtrable virus and bacteria. C. S. Linton, 44:948 (Dec.) 1935.
frontal. J. M. Brown, 50:435 (June) 1941.
with diffuse cranial osteomyelitis. O. Jason Dixon, 43:16 (Mar.) 1934.

Sinusitis
hyperplastic, and allergy, problems in diagnosis and treatment of. E. R. Faulkner, 47:144 (Mar.) 1938.
maxillary, complicated by orbital cellulitis. Edwin J. Blonder, 52:524 (June) 1943.
paranasal, observations on, among patients subjected to lobectomy for bronchiectasis. Kinsey M. Simonton, 52:598 (Sept.) 1943.
present rationale of treatment of. Charles T. Porter, 48:769 (Sept.) 1939.
present status of roentgen therapy in. Karl Kornblum, 50:523 (June) 1941.
subacute and chronic, nucleic acid treatment of. Alexander C. Howe, 51:220 (Mar.) 1942.
frontal. O. E. Van Alyea, 50:570 (June) 1941.
when is it chronic? Sidney N. Parkinson, 45:721 (Sept.) 1936.

Skin conditions, oral and pharyngeal manifestations of. Hamilton Montgomery, 46:179 (Mar.) 1937.
reaction controlled low dosage method of treatment with staphylococcus toxoid: its use in a certain type of acute recurrent rhinitis. K. E. Townsend, 50:1189 (Dec.) 1941.
tests in allergy. H. L. Alexander, 45:107 (Mar.) 1936.

Skull
base of, with particular reference to fractures. W. J. Mellinger, 47:291 (June) 1938.
resonance. Douglas Marfarlan, 45:768 (Sept.) 1936.
venous circulation as a factor in osteomyelitis of. W. J. Mellinger, 49:438 (June) 1940.

Sodium psylliate, treatment of chronic obstructive rhinitis with submucosal injections of. E. A. Thacker, 49:939 (Dec.) 1940.

Sound conduction and its relation to the tensor tympani muscle. Ernest G. Wever and Charles W. Bray, 46:947 (Dec.) 1937.
count for logopedists. Charles H. Voelker, 44:260 (Mar.) 1935.
transmission through the ear and its relation to sound injury. Frederick M. Grossman, 52:666 (Sept.) 1943.

Spasmophemia in dyslalia cophotica. Elsie S. Voelker and Charles H. Voelker, 46:740 (Sept.) 1937.

Spectacles, non-fogging, for bronchoscopy. Arthur Q. Penta, 49:783 (Sept.) 1940.

Speech sounds spoken per minute by the deaf and the normal, objective study of the comparative number of. Charles H. Voelker, 46:471 (June) 1937.

Sphenoid
actinomycosis of, with actinomycotic meningitis and brain abscess. Rudolph Kramer and Max L. Som, 44:973 (Dec.) 1935.
and ethmoid, carcinoma of: report of two cases. Thomas L. Tolan, 48:1067 (Dec.) 1939.
bone, osteomyelitis of: report of five cases with the autopsy findings. Howard C. Ballenger, 48:95 (Mar.) 1939.
sinus, comparative study of: study of 1600 skulls. Fred W. Dixon, 46:687 (Sept.) 1937.

Sphenoidectomy and ethmoidectomy, radical, importance of, in the relief of general and ocular diseases. Oscar Wilkinson, 43:1120 (Dec.) 1934.

Sphenopalatine ganglion, surgical removal of: report of three operations, elaborating an original technique to expose the pterygopalatine fossa, command the internal maxillary artery and its terminals and the infraorbital nerve and its branches. Edward C. Sewall, 46:79 (Mar.) 1937.
syndromes: a review of Sluder's observations on the sphenopalatine ganglion. H. W. Lyman, 45:362 (June) 1936.

Split skin graft, advantages of, following tonsillectomy. H. I. Harris, 47:1045 (Dec.) 1938.

Stain, vital, some experiences with, on otolaryngological tissues. Ellison L. Ross, 48:212 (Mar.) 1939.

Stammering and hearing acuity. M. Arline Harms, M. E. and J. Y. Malone, 48: 658 (Sept.) 1939.

Stapedius muscle, function of. Allen B. Potter, 45:638 (Sept.) 1936.
reflex in man. H. B. Perlman and T. J. Case, 48:663 (Sept.) 1939.

Stapes, human, developmental anatomy of. Barry J. Anson and Earl W. Cauldwell, 51:891 (Dec.) 1942.

Stenosis
chronic, of the larynx. Francis Lejeune and Neal Owens, 44:354 (June) 1935.
of the larynx with special consideration of skin grafting. Frederick A. Figi, 49:394 (June) 1940.
cicatricial, of the larynx, management of. John H. Foster, 48:643 (Sept.) 1939.
complete cicatricial, of the esophagus: permeation made possible by external operation in certain cases. Fletcher D. Woodward, 51:94 (Mar.) 1942.
in double abductor paralysis, suggested operative procedure for the relief of: anatomic study. John M. Loré, 45:679 (Sept.) 1936.
of the nasopharynx. John H. Childrey, 46:1118 (Dec.) 1937.
of the nasopharynx, pharyngeal reconstruction for: new operative procedure. Gerald B. O'Connor, 46:376 (June) 1937.
tuberculous periesophageal abscess producing. Louis H. Clerf, 49:793 (Sept.) 1940.

Sternum, center of ossification of, mistaken for a foreign body in the esophagus. E. M. Seydell, 49:1061 (Dec.) 1940.

Stimulation deafness: experimental study in guinea pigs. George P. Horton, 44: 252 (Mar.) 1935.

Streptococcic infections, further observations on the use of specific immune serums in the treatment of. Harry L. Baum, 45:969 (Dec.) 1936.
involving the ear, nose and throat, use of human convalescent scarlet fever serum in. Pierre Viole, 49:639 (Sept.) 1940.

Streptococcus hemolytic bacteremia, with special reference to otolaryngologic conditions. Joseph L. Goldman and Gregory Schwartzman, 44:961 (Dec.) 1935.

Stricture
esophageal, preliminary survey of the effect which lye legislation has had on incidence of. H. Marshall Taylor, 44:1157 (Dec.) 1935.
of the esophagus caused by lactic acid. Carlos E. Pitkin, 44:842 (Sept.) 1935.

Stuttering
incidence of, among the deaf. Ollie Backus, 47:632 (Sept.) 1938.
psychophonasthenia, aphonia and falsetto, psychiatric therapy in. J. G. Greene, 47:615 (Sept.) 1938.

Subluxation, spontaneous (nontraumatic) atlanto-axial. Ira Frank, 45:405 (June) 1936.

Subepithelial (Reinke's) layer of the vocal cords, pathology of. Richard Waldaptel, 49:647 (Sept.) 1940.

Submucous resection, new postoperative nasal pack for. O. Jason Dixon, 45:1184 (Dec.) 1936.

Suction, battery and oxygen unit for bronchoscopic operating room. P. H. Holinger and A. H. Andrews, Jr., 47:824 (Sept.) 1938.

Sulfanilamide
- and prontosil in the treatment of otogenic meningitis. Robert B. Lewy, 46: 1096 (Dec.) 1937.
- implantation in mastoid wounds. Raymond H. Marcotte, 52:126 (Mar.) 1943.
- in otolaryngology. John G. McLaurin, 48:23 (Mar.) 1939.
- in otolaryngology: some personal experiences. Ralph A. Fenton, 48:17 (Mar.) 1939.
- therapy, blood cell response to. J. A. Bigler, 47:219 (Mar.) 1938.

Sulfapyridine, clinical and experimental studies with, as a hemostatic agent. Bernard P. Cunningham, 51:301 (June) 1942.

Sulfathiazole
- in mastoidectomy wounds: report of 84 cases. Wilber D. Currier, 51:955 (Dec.) 1942.
- staphylococcus meningitis treated with. John F. Tolan, 52:207 (Mar.) 1943.
- used with cartilage implants for repair of facial defects. J. H. Childrey, 49: 709 (Sept.) 1940.

Sulfonamide compounds, specific in vitro action of, on pathogenic organisms. Milan Novak, 52:161 (Mar.) 1943.
- drugs, in the treatment of acute otitis media. Harold G. Tobey, 51:945 (Sept.) 1942.
- powder, intranasal application of. Lester A. Brown, 51:611 (Sept.) 1942.
- therapy for acute otitis media and mastoiditis. H. L. Williams, A. E. Brown, W. E. Herrell and R. D. Ralph, 50:336 (June) 1941.

Sulfonamides
- clinical experience with, in otolaryngology. George S. Livingston, 52:171 (Mar.) 1943.
- local use of gramicidin (tyrothricin) and penicillin in otolaryngology. John E. Bordley, S. J. Crowe, David A. Dolowitz and Kenneth L. Pickrell, 51: 936 (Dec.) 1942.
- masking effect of, in otogenous infections. Lester L. Coleman, 52:694 (Sept.) 1943.
- pharmacologic development of. Frank T. Maher, 52:165 (Mar.) 1943.

Surgery
- environmental, in otolaryngology. J. F. Barnhill, 50:850 (Sept.) 1941.
- experimental sinus: effects of operative windows on normal sinuses. A. C. Hilding, 50:379 (June) 1941.
- frontal sinus, some causes for failure in. Robert Lincoln Goodale, 51:648 (Sept.) 1942.
- of the ear, nose and throat, and pentothal sodium. George J. Thomas, 52:35 (Mar.) 1943.
- of the nasal sinuses. E. C. Sewall, 50:463 (June) 1941.
- of the nose in allergy. F. K. Hansel, 45:111 (Mar.) 1936.

Surgery
plastic, in war injuries of the face. John M. Converse, 52:637 (Sept.) 1943.
some conclusive remarks from personal experience. Joseph C. Beck, 44: 90 (Mar.) 1935.
story of. Michael M. Wolfe, 48:473 (June) 1939.
radical, carcinoma of the esophagus with special reference to treatment by. E. B. Benedict, 50:1249 (Dec.) 1941.
reconstructive facial, use of preserved human cartilage in. Samuel Iglauer, 50:1072 (Dec.) 1941.
of the nose. G. W. Pierce and G. B. O'Connor, 47:437 (June) 1938.

Surgical treatment of carcinoma of the thoracic esophagus. Julian Johnson, 50: 1228 (Dec.) 1941.

Syndrome
of Garcin unilateral total involvement of the cranial nerves with report of one case. Leo A. Spiegel, 52:706 (Sept.) 1943.
of pain and paralysis arising from inflammations of the prevertebral space. Arthur W. Proetz, 44:371 (June) 1935.
pharyngeal, probably of virus origin. Albert B. Murphy, 52:391 (June) 1943.

Syphilis
early, sore throat in. John W. Brittingham, 44:990 (Dec.) 1935.
of the ear: histopathologic study. Victor Goodhill, 48:676 (Sept.) 1939.

Syphilitic infiltrative lesions of the nasal mucosa. Irving M. Lupton, 44:199 (Mar.) 1935.
tonsillitis, histopathology in the secondary stage of. Edgar R. Pund and George H. Brawner, 44:984 (Dec.) 1935.

T

Tactile and tremor perception in hearing. S. Dworkin, G. A. Hutchison and J. Katzman, 45:840 (Sept.) 1936.

Teeth, nasal: report of a case. L. R. Marshall, 48:775 (Sept.) 1939.

Telangiectasia
hereditary hemorrhagic. Frederick A. Figi and Charles H. Watkins, 52:330 (June) 1943; Karl M. Houser, 43:731 (Sept.) 1934.
of the nose: treatment by micro-injection of sclerosive fluid. H. I. Biegeleisen, 45:416 (June) 1936.

Telemagnifier, bronchoscopic and esophagoscopic. Sidney Israel, 44:285 (Mar.) 1935.

Telescopic bronchoscope. Louis E. Wolfson and Jacob Schloss, 44:889 (Sept.) 1935.

Temporal bone, delayed ossification of. Hans Brunner and H. James Hara, 52:444 (June) 1943.
infections with secondary manifestations. Marvin F. Jones, 43:779 (Sept.) 1934.
pharyngomaxillary approach to the tip of. Harris P. Mosher, 49:3 (Mar.) 1940.
specimens: methods for preparing and studying. J. J. Potter and D. M. Lierle, 43:166 (Mar.) 1934.
studies. C. C. Bunch, 44:754; Stacy R. Guild, 44:738 (Sept.) 1935.
bones, cellular character of: clinical and surgical significance. Edward F. Ziegelman, 44:3 (Mar.) 1935.

Temporomandibular joint: dental aspect. Ernest Greene, 46:150 (Mar.) 1937.
malocclusion and the inner ear: neuromuscular explanation. Edwin P. Seaver, Jr., 46:140 (Mar.) 1937.
syndrome of ear and sinus symptoms dependent upon disturbed function of. James B. Costen, 43:1 (Mar.) 1934.

Tensor tympani muscle reflex, utilization of, in the analysis of the function of the middle and internal ear structures. Heinrich Kobrak, 45:830 (Sept.) 1936.

Tertiary syphilitic infiltrative lesions of the nasal mucosa. Irving M. Lupton, 44: 199 (Mar.) 1935.

Test
for allergy, further modifications of the nasal contact. W. T. Vaughan and V. J. Derbes, 50:1141 (Dec.) 1941.
intramucosal, for hypersensitivity in allergic rhinitis. L. W. Dean, L. D. Linton and C. S. Linton, 44:317 (June) 1935.
vestibular, in dizziness in head injuries. Mark A. Glaser, 46:387 (June) 1937.
point: experimental analysis. R. M. Dorcus and O. H. Mowrer, 45:33 (Mar.) 1936.
of value in neurological diagnosis. J. L. Maybaum, 47:484 (June) 1939.

Tests, new, in otosclerosis. Central Bureau of Research of the American Otological Society, 45:252 (Mar.) 1936.

Therapy
by irradiation of malignant tumor of the oral cavity, eye, ear, nose and throat. Charles L. Martin, 44:426 (June) 1935.
of petrosal pyramid suppuration. Ralph Almour, 44:1107; Wells P. Eagleton, 44:1113; Isidore Friesner and J. G. Druss, 44:1100; William V. Mullin, 44: 1097; John R. Page, 44:1093 (Dec.) 1935.

Thiamin chloride and nicotinic acid, the eighth nerve in relation to: comparative study. Grant Selfridge, 48:419 (June) 1939.
effect of, on cardiospasm and achalasia of the esophagus. W. D. Stinson, 50:898 (Sept.) 1941.

Thoracoplasty, complication of, in tuberculous otitis media. John G. Adams, 51: 209 (Mar.) 1942.

Throat
and nose, cardio-inhibitory and vasomotor reflexes from. A. Sidney Harris, 48:311 (June) 1939.
nose and ear conditions, ultra short wave currents in the treatment of. Alexander F. Laszlo, 46:174 (Mar.) 1937.
dermatologic. Frederick A. Figi, 48:81 (Mar.) 1939.
sore, in early syphilis. John W. Brittingham, 44:990 (Dec.) 1935.
use of human convalescent scarlet fever serum in streptococcic infections involving the ear, nose and. Pierre Viole, 49:639 (Sept.) 1940.

Thrombocytopenic purpura, acute, fatal case of, with submucosal hemorrhage as its most prominent feature. Vital E. Cortopassi and Abraham G. Cohen, 52: 902 (Dec.) 1943.

Thrombopenic purpura and the role of x-ray treatment to the spleen. Edwin D. Warren, 49:543 (Sept.) 1940.

Thrombophlebitis, cavernous sinus, management of. G. D. Hoople and Irl H. Blaisdell, 50:503 (June) 1941.

Thrombosis, cavernous sinus. H. W. Rubin and Abraham Cutler, 49:736 (Sept.) 1940; C. W. Irish, 47:402 (June) 1938.
with bilateral blindness cured by an unorthodox procedure. S. J. Kopetzky, 50:284 (Mar.) 1941.
lateral sinus: study of 88 cases, with 10 of venous thrombosis, found at 12,500 consecutive necropsies. C. W. Irish, 47:78 (Mar.) 1938.
with a review of the literature. G. M. Coates, M. S. Ersner and A. H. Persky, 43:419 (June) 1934.
longitudinal sinus. C. W. Irish, 47:402 (June) 1938.
otitic sinus, analysis of the ocular fundus changes in. Isidore Friesner, 50:32 (Mar.) 1941.
otogenous, of the lateral sinus; intranasal complications of. J. M. Nielsen and Cyril B. Courville, 46:13 (Mar.) 1937.
primary, of the common carotid artery, with recovery. Marvin F. Jones, 52: 184 (Mar.) 1943.
sinus, care of mastoid wounds following the complete mastoid operation, and operations on the petrous pyramid. Marvin F. Jones, 48:579 (Sept.) 1939.
venous. C. W. Irish, 47:775 (Sept.) 1938.

Thyroid
intralingual, discussion with report of a large struma presenting, in the anterior part of the tongue. Raymond S. Rosedale, 45:1009 (Dec.) 1936.
lingual. F. J. Bishop, 43:294 (Mar.) 1934.

Thyroiditis, acute, in relation to deep infections of the neck. David Higbee, 52: 620 (Sept.) 1943.

Tinnitus
and otosclerosis, surgical treatment of. Central Bureau of Research of the American Otological Society, 45:265 (Mar.) 1936.
aurium in the light of recent research. E. P. Fowler, 50:139 (Mar.) 1941.
of vascular origin: report of a case presumably due to cerebral aneurysm. Pierre Viole and Andrew A. Love, 44:418 (June) 1935.
treatment of deafness and, with prostigmin. Harry Schluederberg, 51: 526 (June) 1942.
etiology and evaluation of the various methods of treatment of. Daniel B. Hayden and Edward L. Chainski, 48:443 (June) 1939.

Tobacco, effects of, upon the throat. Samuel W. Langmaid, 52:722 (Sept.) 1943.

Tongue
abscess of. Samuel Salinger, 50:573 (June) 1941.
black. L. R. Marshall, 49:961 (Dec.) 1940.
comparative anatomy of. Gregor McGregor, 47:196 (Mar.) 1938.

Tonsil
and contiguous parts, operation for removal of carcinoma of. Duncan Macpherson, 43:727 (Sept.) 1934.
carcinoma of: statistical study of 230 cases. LeRoy A. Schall, 43:1047 (Dec.) 1934.
palatine, in the sixth decade. George Kelemen, 52:419 (June) 1943.
papilloma of: report of three cases. Ira Frank, 47:715 (Sept.) 1938.
pathology of, with statistical report and microscopic study. Allen C. Starry, 48:346 (June) 1939.
plasmocytoma of. Ira Frank, 51:22 (Mar.) 1942.
polyp of: report of a case. William H. Evans and Robert E. Odom, 48:495 (June) 1939.

Tonsils
as foci of systemic infection. H. Archibald Nissen, 44:187 (Mar.) 1935.
carcinoma of: case report. J. T. Dowling, 43:615 (June) 1934.
electrocoagulation of. Meyer L. Niedelman, 48:227 (Mar.) 1939.
obstacles encountered in electrocoagulation of. W. J. Yonker, 43:1117 (Dec.) 1934.
velum and pharynx, primary ulcerative infiltrative tuberculosis of, with report of a case in which healing followed treatment with 50% trichloracetic acid. Martin A. Furman, 46:456 (June) 1937.

Tonsillar fossa containing parotid gland tissue. Ernest M. Seydell, 43:304 (Mar.) 1934.
salivary gland tissue in. Julius Prohovnik, 45:1181 (Dec.) 1936.
tissue, effect of x-radiation on. C. I. Johnson, R. S. Palmer, and L. A. Vance, 49:755 (Sept.) 1940.

Tonsillectomies, intravenous anesthetic in. William H. Turnley,, 45:464 (June) 1936.

Tonsillectomy
advantages of split skin graft following. H. I. Harris, 47:1045, (Dec.) 1938.
complicated by surgical emphysema of the head, neck and chest. Charles L. Rubenstein, 44:509 (June) 1935.
for rheumatism: study of 3172 cases. William H. Turnley, 46:1050 (Dec.) 1937.
in the tuberculous: incidence and pathology of tuberculosis of the tonsils in adults. H. Newhart, S. S. Cohen and C. C. VanWinkle, 43:769 (Sept.) 1934.
prolonged analgesia by nerve blocking anesthesia in. Caesar Hirsch, 47:1035 (Dec.) 1938.
prolonged postoperative anesthesia in. A. F. Laszlo and R. F. Hauck, 47:527 (June) 1938.

Tonsillitis, syphilitic, histopathology in the secondary stage of. Edgar R. Pund and Georgia H. Brawner, 44:984 (Dec.) 1935.

Torula mycosis in man, with special reference to involvement of the upper respiratory tract, with case reports. William D. Gill, 44:702 (Sept.) 1935.

Toxoid, staphylococcus, skin reaction controlled low dosage method of treatment with: its use in a certain type of acute recurrent rhinitis. K. E. Townsend, 50: 1189 (Dec.) 1941.

Trachea
and bronchi, mycotic infections found in. Edward A. Looper, 45:1153 (Dec.) 1936.
and bronchi, treatment of tuberculosis of. J. D. Kernan, 47:306 (June) 1938.
and bronchi, tuberculous ulcerogranuloma of. M. C. Myerson, 49:177 (Mar.) 1940.
and main bronchi, tuberculosis of. John D. Kernan, 46:763 (Sept.) 1937.
atresia of, following injury: dilatation with core molds. George O. Cummings, 49:801 (Sept.) 1940.
congenital papilloma of; diverticulum of trachea; rupture of diverticulum of trachea into innominate artery. J. D. Kernan, 45:865 (Sept.) 1936.
fibrosarcoma of. Lyman G. Richards and Harry F. Dietrich, 43:892 (Sept.) 1934.
lower third, primary colloid adenocarcinoma of. W. L. Simpson and R. M. Moore, 43:1133 (Dec.) 1934.

Trachea
multiple papilloma of larynx, and left bronchus in a child. Ellen J. Patterson, 48:1080 (Dec.) 1939.
papilloma of: report of a case. R. M. Lukens, 45:872 (Sept.) 1936.
perforating foreign body of. Gordon Berry, 44:838 (Sept.) 1935.
perforation of, by a mediastinal tumor (Hodgkin's disease). A. E. Hammond, 50:929 (Sept.) 1941.
primary adenocystic carcinoma or cylindroma of. M. Reese Guttman, 45:894 (Sept.) 1936.
stenosis of, from roentgen therapy. L. H. Clerf and F. J. Putney, 47:666 (Sept.) 1938.
tuberculosis of, with syphilitic endarteritis and occlusion of the left subclavian artery. Robert B. Lewy, 46:735 (Sept.) 1937.
wood tongue depressor in, for thirteen years; chronic laryngeal stenosis. Gabriel Tucker, 43:1124 (Dec.) 1934.

Tracheal and laryngeal obstruction, value of roentgenography of the neck in the diagnosis and treatment of. Chevalier L. Jackson, 45:951 (Dec.) 1936.

Tracheobronchial tree, kodachrome visualization of the physiology and pathology of. Paul H. Holinger, 51:851 (Sept.) 1942.
tuberculosis, limitations of bronchoscopy in treatment of. M. C. Myerson, 47:722 (Sept.) 1938.

Tracheobronchitis
and laryngitis: reference to nondiphtheritic infections. T. R. Gittins, 45:1165 (Dec.) 1936.
tuberculous, treatment of. F. W. Davidson, 47:826 (Sept.) 1938.

Tracheotomic ether insufflation tube. Gabriel Tucker, 43:1132 (Dec.) 1934.

Tracheotomy
followed by respiratory failure. V. E. Negus, 47:608 (Sept.) 1938.
practical technique for. F. T. Hill, 50:887 (Sept.) 1941.
study of 200 consecutive cases. Frederick A. Figi, 43:178 (Mar.) 1934.
tube, flexible, cane-shaped. R. M. Lukens, 45:1175 (Dec.) 1936.
incorporated in a necklace. William F. Brehm, 46:252 (Mar.) 1937.
modified. LeRoy A. Schall, 44:288 (Mar.) 1935.
valvular. Gabriel Tucker, 43:1128 (Dec.) 1934.
upper respiratory infection of a fulminating character requiring. C. H. McCaskey, 51:389 (June) 1942.

Transfusion of blood in diseases of ear, nose and throat. John J. Shea, 46:87 (Mar.) 1937.

Transillumination, study of. Lyman Richards, 45:307 (June) 1936.

Treatment
and diagnosis of carcinoma of the esophagus. W. A. Hudson, 43:1198 (Dec.) 1934.
and prophylaxis of the common cold with special reference to respiratory vaccine. C. A. Veasey, Jr., 50:1168 (Dec.) 1941.
conservative, in diseases of the ear. James A. Babbitt, 43:1001 (Dec.) 1934.
of the nose and accessory sinuses. W. E. Grove, 43:988 (Dec.) 1934.
of the pharynx. John W. Carmack, 43:995 (Dec.) 1934.
medical, of Ménière's symptom complex. A. C. Furstenberg. F. H. Lashmet and F. Lathrop, 43:1035 (Dec.) 1934.
nonoperative, of otosclerosis. Central Bureau of Research of the American Otological Society, 45:271 (Mar.) 1936.

Treatment
nonsurgical, of diseases of the nose and pharynx. Gordon D. Hoople, 48:73 (Mar.) 1939.
of abscess of the larynx. J. D. Kernan and H. P. Schugt, 43:1009 (Dec.) 1934.
of deafness: "aural" or "acoustic" method: further investigation. Howard C. Ballenger, 45:632 (Sept.) 1936.
of rheumatism. H. B. Graham, 44:181 (Mar.) 1935.
of telangiectasia of the nose by micro-injection of sclerosive fluid. H. I. Biegeleisen, 45:416 (June) 1936.
operative, of nasal sinus disease. Edward C. Sewall, 44:307 (June) 1935.
other than operative, of the nasal accessory sinuses. William Mithoefer, 45: 420 (June) 1936.
selective, of malignancy about the head. Thomas C. Galloway, 44:450 (June) 1935.
surgical, of otosclerosis and of tinnitus. Central Bureau of Research of the American Otological Society, 45:265 (Mar.) 1936.
with staphylococcus toxoid, skin reaction controlled low dosage method of: its use in a certain type of acute recurrent rhinitis. K. E. Townsend, 50:1189 (Dec.) 1941.

Trifacial neuralgia. J. C. Beck, 50:904 (Sept.) 1941; John H. Childrey, 46:208 (Mar.) 1937.

Trismus, mechanism of, and its occurrence in mandibular joint dysfunction. James B. Costen, 48:499 (June) 1939.

Tubercle bacillus, method of study of the nasal mucosa in relation to. Stephen A. Schuster, 46:124 (Mar.) 1937.

Tuberculoma of the bronchus. Robert L. Moorhead, 46:754 (Sept.) 1937.

Tuberculosis
bronchoscopy in. Mervin C. Myerson, 43:1139 (Dec.) 1934.
chronic, bronchial obstruction in. Kenneth A. Phelps, 45:1133 (Dec.) 1936.
incidence and pathology of, in the tonsils of adults. H. Newhart, S. S. Cohen and C. C. Van Winkle, 43:769 (Sept.) 1934.
laryngeal, electrocautery in treatment of. W. E. Vandevere, 43:572 (June) 1934.
roentgen therapy of. Clarence W. Engler, 52:655 (Sept.) 1943.
some of the more recent advances in treatment of. F. R. Spencer, 50:735 (Sept.) 1941.
study of 500 cases of pulmonary tuberculosis. J. P. Dworetzky and O. C. Risch, 50:745 (Sept.) 1941.
of the larynx. Mervin C. Myerson, 48:707 (Sept.) 1939.
of the larynx, modern concepts of. J. P. Dworetzky, 47:481 (June) 1938.
of the petrous pyramid. Louis Kleinfeld and G. Y. Smith, 47:261 (Mar.) 1938.
of the trachea and bronchi, treatment of. J. D. Kernan, 47:306 (June) 1938.
of the trachea and main bronchi. J. D. Kernan, 46:763 (Sept.) 1937.
of the trachea with syphilitic endarteritis and occlusion of the left subclavian artery. Robert B. Lewy, 46:735 (Sept.) 1937.
primary ulcerated infiltrative, of the tonsils, velum and pharynx. Martin A. Furman, 46:456 (June) 1937.
pulmonary, significance of the larynx as an index in the treatment of. Charles Rubenstein, 43:1114 (Dec.) 1934.
tracheobronchial, bronchoscopy in the treatment of. M. C. Myerson, 47:722 (June) 1938.
treatment of. F. W. Davidson, 47:826 (Sept.) 1938.

Tuberculous children, bronchoscopy in. Mervin C. Myerson, 49:1064 (Dec.) 1940.

Tumor
- benign giant cell, of the ethmoid labyrinth. Merrill Wattles, 46:212 (Mar.) 1937.
- fibro-lipoma of the bronchus: report of a case. Thomas H. McGlade, 48:240 (Mar.) 1939.
- group, head and neck, organization of the Joseph C. Beck. J. C. Beck, 50: 1091 (Dec.) 1941.
- mediastinal, perforation of the trachea by. A. E. Hammond, 50:929 (Sept.) 1941.
- mixed, of the nasal septum: report of a case. I. F. Weidlein, 45:574 (June) 1936.
- of the facial nerve within the mastoid bone. Clair M. Kos, 49:151 (Mar.) 1940.
- pedunculated fibroma, of the nasal septum. W. Likely Simpson and J. D. Evans, 46:527 (June) 1937.
- pituitary, Paget's disease, and abscess of the sphenoid sinus. C. W. Pond, 49: 500 (June) 1940.

Tumors
- of the acoustic nerve, confusing symptoms of. Claude T. Uren and B. Carl Russum, 44:422 (June) 1935.
- laryngeal: voice recordings before and after operations. Murdock Equen, 50:776 (Sept.) 1941.
- malignant, of the nasopharynx and paranasal sinuses. N. S. Weinberger, 48: 203 (Mar.) 1939.
  - of the oral cavity, eye, ear, nose and throat, treated by irradiation Charles L. Martin, 44:426 (June) 1935.
- mixed, in the nose and throat. Perry G. Goldsmith and P. E. Ireland, 45:940 (Dec.) 1936.
  - of the hard palate. F. T. Hill, 47:317 (June) 1938.
- plasma cell, of the nose and nasopharynx. Louis Blumenfeld, 45:436 (June) 1936.
- so-called carcinoid, of the bronchi: treatment of a series of cases by diathermy. John D. Kernan, 44:1167 (Dec.) 1935.
- unusual, of the upper respiratory tract. LeRoy A. Schall and D. P. Cordray, 50:421 (June) 1941.

Turbinectomy, submucous, improved technic for. Harold I. Harris, 45:481 (June) 1936.

Twitching of facial muscles following radical operation of the mastoid. M. Tamari, 52:675 (Sept.) 1943.

Tympanic cavity irrigation. J. Kent Leasure, 51:253 (Mar.) 1942.

Tyrothricin
- and penicillin in otolaryngology—based on a bacteriological and clinical study of 118 patients. S. J. Crowe, A. M. Fisher, A. T. Ward, Jr., and M. K. Foley, 52:541 (Sept.) 1943.
- (gramicidin), local use of the sulfonamides, penicillin and, in otolaryngology. John E. Bordley, S. J. Crowe, David A. Dolowitz and Kenneth L. Pickrell, 51:936 (Dec.) 1942.

U

Ulcer, chronic granulomatous, of the nose, of unknown cause. D. Isbell, 52:501 (June) 1943.

Ulceration of tuberculous hilar lymph node into lumen of bronchus, with bronchoscopic removal. Porter P. Vinson and W. E. Pembleton, 49:797 (Sept.) 1940.

Ulcerogranuloma, tuberculous, of the trachea and bronchi. Mervin C. Myerson, 49:177 (Mar.) 1940.

Ultraviolet light in otosclerosis. E. P. Fowler, Jr., 43:408 (June) 1934.

Urea, report of the use of, in suppurative conditions about the ear. A. P. Seltzer, 49:219 (June) 1940.

Uveitis
chronic, clinical relationship of infections in the upper respiratory tract to certain types of: preliminary report. William D. Gill, 44:486 (June) 1935.
posterior; clinical relationship of infections in the upper respiratory tract to certain types of. William D. Gill, 46:643 (Sept.) 1937.

Uvula, primary squamous cell carcinoma of: report of two cases. J. Milton Robb and Merrill W. Michels, 48:521 (June) 1939.

V

Vaccine
intranasal spray, use of, in prophylaxis against the common cold. Theodore E. Walsh, 49:875 (Dec.) 1940.
respiratory, prophylaxis and treatment of the common cold with special reference to. C. A. Veasey, Jr., 50:1168 (Dec.) 1941.

Varices, esophageal, treatment of, by injection of a sclerosing solution. H. J. Moersch, 50:1233 (Dec.) 1941.

Varix of the vocal cord. J. M. Robb, 47:522 (June) 1938.

Vascular injuries, application of viable muscle in. O. Jason Dixon, 43:1055 (Dec.) 1934.
networks (blood) in the erectile and secretory lining of the nasal passages. P. F. Swindle, 44:913 (Dec.) 1935.
system, diseases of, associated with nasal sinus infection. Frank B. Kistner, 43:89 (Mar.) 1934.

Vaselin, irradiated, effect of, in nasal pathology. Lester T. Jones, 43:172 (Mar.) 1934.

Vasoconstrictor, nasal, 2-amino-heptane sulfate as. Arthur W. Proetz, 51:112 (Mar.) 1942.

Vasography, physical chemistry of. O. Jason Dixon and Earl R. Harrouff 45:468 (June) 1936.

Vasomotor and cardio-inhibitory reflexes from the nose and throat. A. Sidney Harris, 48:311 (June) 1939.
mechanism in otosclerosis. Central Bureau of Research of the American Otological Society, 45:212 (Mar.) 1936.

Venous circulation as a factor in osteomyelitis of the skull. W. J. Mellinger, 49: 438 (June) 1940.
stasis: circulatory and inflammatory factors in otosclerosis. Central Bureau of Research of the American Otological Society, 45:206 (Mar.) 1936.

Vertigo in brain tumors, with special reference to the results of labyrinth examination. E. A. Spiegel and A. Alexander, 45:979 (Dec.) 1936.

Vestibular point test: experimental analysis. R. M. Dorcus and O. H. Mowrer, 45: 33 (Mar.) 1936.

Virus (filtrable) and bacteria: their association in the production of experimental sinusitis. C. S. Linton, 44:948 (Dec.) 1935.

Visualization, kodachrome, of the physiology and pathology of the tracheobronchial tree. Paul H. Holinger, 51:851 (Sept.) 1942.

Vitamin A deficiency, experimental, ear in. H. B. Perlman and John Willard, 50: 349 (June) 1941.

Vitamin deficiency, case of, with laryngeal complications. Robert Lincoln Goodale, 51:1070 (Dec.) 1942.

Vocal cord, varix of. J. M. Robb, 47:522 (June) 1938.

cords, Kelly operation for restoration of laryngeal function following bilateral paralysis of the: report of three cases. Edward S. Wright, 52:346 (June) 1943.

King operation for bilateral paralysis of. Lindon Seed, 51:66 (Mar.) 1942.

pathology of the subepithelial (Reinke's) layer of. Richard Waldapfel, 49:647 (Sept.) 1940.

Voice

effect of androgen therapy on, and vocal cords of adult women. Joseph L. Goldman and Udall J. Salmon, 51:961 (Dec.) 1942.

esophageal, pre-operative training for development of, in laryngectomized patients. Julius W. McCall, 52:364 (June) 1943.

W

Waltzing (circling) guinea pig. M. H. Lurie, 50:113 (Mar.) 1941.

test, new labyrinthine reaction. Caesar Hirsch, 49:232 (Mar.) 1940.

War deafness and its prevention. Stacy R. Guild, 50:70 (Mar.) 1941.

injuries of the face and emergency plastic surgery. John M. Converse, 52:637 (Sept.) 1943.

problems, medical research and. J. M. Sutherland, 51:445 (June) 1942.

Water metabolism, capillary function and body condition, meniere's disease as an indicator of disturbances in. S. H. Mygind and Dida Dederding, 47:55 (Mar.) 1938.

clinical experiments with reference to its influence on the ear. S. H. Mygind and Dida Dederding, 47:360 (June) 1938.

Wever and Bray phenomenon: summary of the data concerning the origin of the cochlear effect. C. S. Hallpike and A. F. Rawdon-Smith, 46:976 (Dec.) 1937.

Word test, and audiometric findings: preliminary report. Ruth P. Guilder, 52:25 (Mar.) 1943.

Wound, penetrating, of the neck with unusual complications and sequelae. Henry Boylan Orton, 51:1050 (Dec.) 1942.

Wounds, gunshot, of the frontal and temporal bones. Robert Henner, 51:424 (June) 1942.

X

Xanthomatosis (lipoidosis) bilateral, of the mastoid. V. V. Wood, 46:991 (Dec.) 1937.

X-radiation, effect of, on tonsillar tissue. C. I. Johnson, R. S. Palmer, and L. A. Vance, 49:755 (Sept.) 1940.

X-ray
present status of roentgen therapy in sinusitis. Karl Kornblum, 50:523 (June) 1941.
treatment of carcinoma of the esophagus by. E. B. Benedict, 50:1249 (Dec.) 1941.
of diseases of the larynx. Maurice Lenz, 52:85 (Mar.) 1943.
of infections: review of the literature and report of cases of mastoiditis and sinusitis. B. R. Dysart, 48:433 (June) 1939.
thrombopenic purpura and the role of, to the spleen. Edwin D. Warren, 49:543 (June) 1940.
visualization of the nasolacrimal duct. George E. Hourn, 46:962 (Dec.) 1937.